Netelsan,
Technologies for a Safe Life cares about your safety.

PRODUCTION AND EXPERIENCE 34 YEAR

Please take care of our water resources and forests so that our sources of life are not wiped off the face of the earth.

TSE

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ULUSLARARASI EN54 SERTİFİKA

TÜV CERT TS-EN ISO 9001:2015





SMARTEYE® CLEVER® SİRENO DETECTO SMART LOCK BLAZE OBSERVER byobu

BY UZUN NU

netelsan.com.tr

CATALOGUE

netelsanAŞ netelsan netelsanTR NETELSAN

netelsan®

a better way of secure life

Netelsan's history in the sector has started in 1989. Today Netelsan is one of the leading brands of its sector that carries out the entirety of R&D, design and production activities from top to bottom. The product groups include Video and Audio Intercom Systems, IP Smart Home Systems, Burglar Alarm Systems, Fire Detection Systems, Luminaires, Emergency Exit Sign Luminaires and Emergency Luminaires, Smart Door Locks and Switches and Sockets.

Thanks to its innovative and pioneering company culture, Netelsan also exports its products; establishing an internationally recognized and trusted brand. Relying on the trust of our customers, we offer high quality products and services that are developed and produced exclusively on domestic resources.

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IP Video and Smart Communication Systems



SMARTEYE®

**Forget your password?
It remembers your face!**



MİND®

**Superior intelligence
at your service**



CLEVER®

**Power of thought and
intelligence**

MIND®

Superior intelligence at your service

NEW GENERATION



Technical Specifications

Display	7" TFT Capacitive Touch Screen
Resolution	800x480 pixels
Camera	0.3 Mpixel (nightvision)
SD Card	Max 16 GB
CPU	1.3 GHz 4 (quadcore) (ARM based processor)
RAM	1 GB
MEMORY	4 GB
Operating system	Android
Communications	TCP/IP
Video Codec	HD H.264
Network Connection	Ethernet (PoE) 10/100 Mbps Ethernet function
Operating Voltage	20-24 VDC (PoE)
Operating Current	Stand-by: 110mA, Video Call: 160 mA
Installation	Easy installation with RJ45 connector
Dimensions	224 x 156 x 17 mm

- Safe and easy door opening with face recognition (optional)
- Call elevator function
- Unlimited perimeter security cam expansion and monitoring capacity
- Ability to connect up to 4 branches to the same unit for duplex buildings
- Unlimited number of doorbells, security console and intra-unit branches can be connected.
- 3 Languages supported (Turkish, English, German)
- 3 different interface options
- Images stored in the memory card can be set as background
- Audio files stored in the memory card can be set as ringtone
- Weekly or single alarms
- Assign and erase passcodes for the block entry door from branch
- Assign child-lock for the screen
- Selection of different melodies for calls, doorbell, messages and alarms up to 10 different tones for each.
- Adjustable screen brightness
- Change names to be shown on the directory
- Low power consumption
- Operation at temperatures between -10°C, +55°C and at a relative humidity range between %10 to %80
- Remote software update support over the network or via a memory card
- Audiovisual alarm notification via branch, security

MIND 7" INTERCOM BRANCH (WHITE)

PRODUCT CODE: M.U.MND.00001

MIND 7" FACE RECOGNITION INTERCOM BRANCH (WHITE)

PRODUCT CODE: M.U.MND.00007

MIND 7" IP INTERCOM BRANCH (BLACK)

PRODUCT CODE: M.U.MND.00002

MIND 7" FACE RECOGNITION INTERCOM BRANCH (BLACK)

PRODUCT CODE: M.U.MND.00008



Call

- Before inter-unit calls, video calls (with permission)
- Date-, time-stamped log of all call records (incoming-outgoing voice calls, messages, missed calls)
- Visual (lamp) notification of incoming calls and messages, monitoring the visitor while in call with the security personnel.
- Unlimited simultaneous voice and video calls



Emergency

- Home security system features (optional) 5 Inputs: -PIR detector 3 Outputs: - Water valve

- Magnetic sensor - Gas valve - Flood sensor - Electric valve - Smoke detector
- Notification to security and janitor of home security system alarms
- Single touch security console for emergency calls
- Total control over electricity, water and gas grid connections (turn on and off with a single touch [option-al])



Message Screen

- Send and receive unlimited audio, image or text messages; display receipt information.
- Send and receive different file formats like PDF, JPG and similar
- Automatic photograph record for incoming calls
- Automatic photograph record for incoming calls (with MicroSD card)
- Redirect incoming calls
- Do not disturb mode
- Message blocking
- Send orders to janitors

IP Video and Smart
Intercom Systems

CLEVER®

Power of thought and intelligence

NEW GENERATION



Technical Specifications

Display	7" TFT Capacitive Touch Screen
Resolution	800x480 pixels
Camera	0.3 Mpixel (nightvision)
SD Card	Max 16 GB
CPU	1.3 GHz 4 (quadcore) (ARM based processor)
RAM	1 GB
MEMORY	4 GB
Operating system	Android
Communications	TCP/IP
Video Codec	HD H.264
Network Connection	Ethernet (PoE) 10/100 Mbps Ethernet function
Operating Voltage	20-24 VDC (PoE)
Operating Current	Stand-by: 110mA, Video Call: 160 mA
Installation	Easy installation with RJ45 connector
Dimensions	224 x 156 x 17 mm

- Safe and easy door opening with face recognition (optional)
- Call elevator function
- Unlimited perimeter security cam expansion and monitoring capacity
- Ability to connect up to 4 branches to the same unit for duplex buildings
- Unlimited number of doorbells, security console and intra-unit branches can be connected.
- 3 Languages supported (Turkish, English, German)
- 3 different interface options
- Images stored in the memory card can be set as background
- Audio files stored in the memory card can be set as ringtone
- Weekly or single alarms
- Assign and erase passcodes for the block entry door from branch
- Assign child-lock for the screen
- Selection of different melodies for calls, doorbell, messages and alarms up to 10 different tones for each.
- Adjustable screen brightness
- Change names to be shown on the directory
- Low power consumption
- Operation at temperatures between -10°C, +55°C and at a relative humidity range between %10 to %80

CLEVER 7" IP INTERCOM BRANCH (WHITE)

PRODUCT CODE: M.U.CLV.00001

CLEVER 7" FACE RECOGNITION INTERCOM BRANCH (WHITE)

PRODUCT CODE: M.U.CLV.00007

CLEVER 7" IP INTERCOM BRANCH (BLACK)

PRODUCT CODE: M.U.CLV.00002

CLEVER 7" FACE RECOGNITION INTERCOM BRANCH (BLACK)

PRODUCT CODE: M.U.CLV.00008



Call

- Before inter-unit calls, video calls (with permission)
- Date-, time-stamped log of all call records (incoming-outgoing voice calls, messages, missed calls)
- Visual (lamp) notification of incoming calls and messages, monitoring the visitor while in call with the security personnel.
- Unlimited simultaneous voice and video calls



Emergency

- Home security system features (optional) 5 Inputs: -PIR detector 3 Outputs: - Water valve

- Magnetic sensor - Gas valve - Flood sensor - Electric valve - Smoke detector

- Notification to security and janitor of home security system alarms
- Single touch security console for emergency calls
- Total control over electricity, water and gas grid connections (turn on and off with a single touch [option-al])



Message Screen

- Send and receive unlimited audio, image or text messages; display receipt information.
- Send and receive different file formats like PDF, JPG and similar
- Automatic photograph record for incoming calls
- Automatic photograph record for incoming calls (with microSD card)
- Redirect incoming calls
- Do not disturb mode
- Message blocking
- Send orders to janitors

IP Video and Smart Intercom Systems

SMARTEYE®

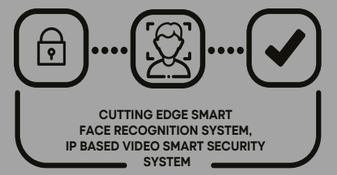
Forget your password?
It remembers your face!



Technical Specifications

Display	4.3" TFT
Resolution	480x272 pixel
Lightening	18 LED
Camera	HD 5MP (2592x1944 resolution CMOS nightvision)
CPU	1.3 GHz 4 (quadcore) (ARM based processor)
RAM	1 GB
Operating system	Android
Communications	TCP/IP
Video Codec	HD H.264
Network Connection	Ethernet (PoE) (10/100 Mbps Ethernet function)
Operating Temperature	-20°C, +65°C
Humidity	%10-80
Installation	Easy installation with RJ45 connector
Card Reader	125Khz RFID card reader
Dimensions	315 x 115 mm

IP Intercom Outdoor Station



- Safe and easy door opening with face recognition (optional)
- User-friendly Android-based interface
- High touch-sensitivity keypad
- Powerful sound with echo cancellation and noise reduction technology
- MicroSD Memory Card Support
- Unlimited simultaneous voice and video calls
- Remote software update support over the network or via a memory card
- User-friendly phonebook
- Automatic daily changing Technical Personnel and Executive password for preventing unauthorized access to the pannel settings.
- Automatic and date&time-stamped call logs (incoming-outgoing audio calls, missed calls) passwords entered and cards read. Transfer these records to memory cards for delivering to the security forces upon request
- Audiovisual alarm notification via branch, security console or janitor in case the branches are removed without permission.
- Audio and visual communication with the security consoles and building supervisor
- Unlimited number of doorbells, security console and intra-unit branches can be connected.
- Continuous off mode for door locks upon command by security in cases of emergency
- Realtime clock uninterrupted by power cuts
- 3 Languages supported (Turkish, English, German)
- Assign and erase different passwords for each unit
- Unlimited 125 Khz RFID card assignment for each unit
- Adjustible sound level
- Sound key feedback
- Low power consumption

CAMPHONE®

Can make unlimited video and voice calls simultaneously.



- Easy installation with RJ45 connector
- POE Feed support
- User-friendly Android-based interface
- 7" TFT Capacitive Touch Screen
- 800x480 screen resolution
- 1.3Ghz ARM based processor
- 1GB RAM
- TCP/IP Protocol Communication
- HD H264 video format
- Powerful sound with echo cancellation and noise reduction technology
- Handset design with handsfree option
- Ability to mount on different surfaces thanks to desktop and wall slide mounting options
- 10/100 Mbps Ethernet function
- MicroSD Memory Card Support
- Unlimited simultaneous voice and video calls
- Send and receive unlimited audio, immage or text messages; display receipt information.
- Send and receive different file formats like PDF, JPG and similar
- Remote software update support over the network or via a memory card
- User-friendly phonebook
- Rapid dial with block or apartment number
- View visitor feed via IP camera during calls
- Date&time-stamped log of all call records (incoming-outgoing voice calls, messages, missed calls)
- Audiovisual alarm in case where the branches or doorbell panels are removed without authorization.
- Unlimited audiovisual calls with security panels, bell panels and branches in the system
- Sending or silencing audiovisual alarm to selected blocks to warn and inform the users in case of emergency such as earthquake or fire.
- Constant off-mode for block doors to facilitate evacuation of the building or access to emergency teams in case of emergencies.
- Selective door opening for blocks.
- Monitor or silence the alarms of house security system
- Visual light notification for incoming calls or messages.
- Redirect incoming calls
- Unlimited perimeter security cam expansion and monitoring capacity
- Unlimited number of doorbells, security console and intra-unit branches can be connected.
- 3 Languages supported (Turkish, English, German)
- Adjustable screen brightness
- Change names to be shown on the directory
- Low power consumption
- Operation at temperatures between -10°C, +55°C and at a relative humidity range between %10 to %80
- Identify 125 KHz RFID cards for site or doorbell panels from a single point

Technical Specifications

Display	7" TFT Capacitive Touch Screen
Resolution	800x480 pixels
CPU	1.3 GHz 4 (quadcore) (ARM based processor)
RAM	1 GB
Operating system	Android
Communications	TCP/IP Protocol Communication
Video Codec	HD H.264
Network Connection	10/100 Mbps Ethernet function
Operating Temperature	-10°C +55°C
Humidity	% 10-80 non-condensed
Installation	Easy installation with RJ45 connector
Color	Black White
Card Reader	125Khz RFID card reader
Dimensions	220 x 197 x 62 mm

POE SWITCH

Brings all the data together to a single point.



Technical Specifications

Dimensions	143 mm x 86 mm x 28 mm
Operating Voltage	24 V
Standby Current	14 mA
PoE Output	6 port passive PoE switch output
Switch Structure	2 port dip switch and with/ without PoE adjustible output
Network Connection	10/100 Mbps Ethernet Switch

IP Video and Smart Intercom Systems

PRODUCT	IP INTERCOM ACCESSORIES	PRODUCT CODE
	SMARTEYE IP INTERCOM 4.3 " DOOR PANEL WITH DISPLAY	M.U.IPP.00001
	SMARTEYE FACE RECOGNITION IP INTERCOM 4.3 " DOOR PANEL WITH DISPLAY	M.U.IPP.00002
	CAMPHONE IP INTERCOM SECURITY CONSOLE	M.U.IPG.00002
	NETELSAN IP INTERCOM POE SWITCH	M.U.POE.00001
	24 V - 2.5 A SMPS (for 1 POE SWITCH)	M.U.ADP.00002
	24 V - 4.5 A SMPS (for 2 POE SWITCH)	M.U.ADP.00003
	12 V - 2 A ADAPTER (FOR HOME SECURITY SYSTEM AND ELEVATOR CALL MODULE)	M.U.ADP.00001
	IP INTERCOM ETHERNET FIBER OPTIC CONVERTER	M.U.ETH.00001
	NETELSAN IP HOME SECURITY SYSTEM CONNECTION BOX	M.U.GUV.00001
	NETELSAN IP INTERCOM ELEVATOR CALL MODULE	M.U.ASN.00001
	NETELSAN CONVENTIONAL RELAY OUTPUT SMOKE DETECTOR (BASE NOT INCLUDED)	M.U.YAN.00082
	NETELSAN CONVENTIONAL GAS DETECTOR (BASE NOT INCLUDED)	M.U.YAN.00013
	NETELSAN DETECTOR SOCKET BASE	M.U.YAN.00012
	NETELSAN MAGNETIC CONTACT (FOR DOORS, WINDOWS)	M.U.HAS.00006
	NETELSAN BURGLAR ALARM PIR DETECTOR (FOOTING INCLUDED)	M.U.HAS.00004
	FLOOD SENSOR	M.U.HAS.00019
	EXTERNAL IP CAMERA (ONVIF)	M.U.KAM.00001
	NOTEBOOK COMPUTERS FOR FACE RECOGNITION FEATURE	M.U.NTB.00001
	MINI PC FOR FACE RECOGNITION FEATURE	M.U.MNP.00001

netelsan®
a better way of secure life

7” - 4.3”
Video Communication Systems



Reassuring Video Intercom Technology

ALGAN / TYPHOON / SWORDER / WARRIOR
TIARA / ALVARA / VISION

Video Intercom Systems

netelsan®
a better way of secure life

ALVARA 4.3”

Reliable, economical, stylish.



- 4.3'' LCD Screen
- Push-Buttons (Push-to-Talk)
- Hands-Free option is available
- Decorative Design
- Slid onto included wall mount bracket, Surface-mounted
- 2 speaker channel (while one apartment is communicating with the entrance, another apartment can communicate with the doorkeeper or security at the same time)
- Capability of communicating with the entrance and the doorkeeper
- Calls from the entrance or doorkeeper have higher priority over calls from security.
- Door unlock
- 3 different types of ringtones (Doorbell ringtone, outdoor ringtone, Doorman or security ringtone) So you can understand afar where the call bell comes from.
- Audio settings (do not disturb option is available)
- Automatic screen time-out or manually turning the screen off features,
- Capability of monitoring the door entrance
- Capability of connecting to up to 8 analog cameras to monitor different areas (car park, children's park etc.) if required (the cabling work properties affect the maximum operational distance of the cameras). AHD or IP cameras can not be connected.
- Brightness, contrast and voice settings
- System Busy Led
- Communication with the security,
- Capability of accessing the security camera (only 1 Analog Camera can be connected)
- 5 + coaxial cable (except inner bell cable),
- Compatible with outdoor stations with keypad or with button type outdoor stations connected to button decoder (button decoder also reduces the cabling work)
- Capability of communicating with and unlocking 8 different door entrances.

ALVARA 4.3” BASELINE
4.3” LCD SCREEN
PRODUCT CODE: M.U.AVR.00001

ALVARA 4.3” BLACK
4.3” LCD SCREEN
PRODUCT CODE: M.U.AVR.00003

ALVARA 4.3” ANTHRACITE
4.3” LCD SCREEN
PRODUCT CODE: M.U.AVR.00005

ALVARA 4.3” BASELINE Hands-Free
4.3” LCD SCREEN
PRODUCT CODE: M.U.AVR.00002

ALVARA 4.3” BLACK Hands-Free
4.3” LCD SCREEN
PRODUCT CODE: M.U.AVR.00004

ALVARA 4.3” ANTHRACITE Hands-Free
4.3” LCD SCREEN
PRODUCT CODE: M.U.AVR.00006

Qty per Package **60**

WIDTH	LENGTH	HEIGHT
213 mm	108 mm	33 mm





netelsan®
a better way of secure life

ALGAN 7” CE

Hands-Free



ALGAN 7” BLACK
7” LCD SCREEN
PRODUCT CODE: M.U.ALG.00006

ALGAN 7” WHITE
7” LCD SCREEN
PRODUCT CODE: M.U.ALG.00005



BLACK

Qty per Package **24**

WIDTH	LENGTH	HEIGHT
227 mm	140 mm	24 mm

WHITE

ALGAN 7” PLUS CE

INTER COMMUNICATION BTWN APTs.

Hands-Free



ALGAN 7” PLUS BLACK
7” LCD SCREEN
PRODUCT CODE: M.U.ALG.00008

ALGAN 7” PLUS WHITE
7” LCD SCREEN
PRODUCT CODE: M.U.ALG.00009



BLACK

Qty per Package **24**

WIDTH	LENGTH	HEIGHT
227 mm	140 mm	24 mm

WHITE

ALGAN 4.3” CE

Hands-Free



ALGAN 4.3” BLACK
4.3” LCD SCREEN
PRODUCT CODE: M.U.ALG.00003

ALGAN 4.3” WHITE
4.3” LCD SCREEN
PRODUCT CODE: M.U.ALG.00002



BLACK

Qty per Package **50**

WIDTH	LENGTH	HEIGHT
156 mm	108 mm	28 mm

WHITE

ALGAN 7”, ALGAN 7” PLUS, ALGAN 4.3”

- Touch keys
- Hands-Free
- Decorative design
- Slid onto included wall mount bracket
- Surface-mounted
- 2 speaker channel (while one apartment is communicating with the entrance, another apartment can communicate with the doorkeeper or security at the same time)
- Capability of communicating with the entrance and the doorkeeper
- Calls from the entrance or doorkeeper have higher priority over calls from security.
- Door Unlock
- 3 different types of ringtones (Doorbell ringtone, outdoor ringtone, Doorman or security ringtone) So you can understand afar where the call bell comes from.
- Audio settings (do not disturb option is available)
- Automatic screen time-out or manually turning the screen off features
- Capability of monitoring the door entrance
- Capability of connecting to up to 8 analog cameras to monitor different areas (car park, children's park etc.) if required (the cabling work properties affect the maximum operational distance of the cameras). AHD or IP cameras can not be connected.
- Brightness, contrast and voice settings
- System busy LED
- Communication with the security
- Capability of accessing the security camera (only 1 Analog Camera can be connected)
- 5 + coaxial cable (except inner bell cable)
- Compatible with outdoor stations with keypad or with button type outdoor stations connected to button decoder (button decoder also reduces the cabling work)
- Capability of communicating with and unlocking 8 different door entrances.

Video Intercom Systems

SWORDER 7" CE

Hands-Free



SWORDER 7" BLACK
7" LCD SCREEN
PRODUCT CODE: M.U.SW7.00002

SWORDER 7" WHITE
7" LCD SCREEN
PRODUCT CODE: M.U.SW7.00001



● BLACK

Qty per Package **24**

WIDTH	LENGTH	HEIGHT
227 mm	141 mm	32 mm

○ WHITE

SWORDER 7" PLUS CE

INTER COMMUNICATION BTWN APTs.

Hands-Free



SWORDER 7" PLUS BLACK
7" LCD SCREEN
PRODUCT CODE: M.U.SW7.00008

SWORDER 7" PLUS WHITE
7" LCD SCREEN
PRODUCT CODE: M.U.SW7.00007



● BLACK

Qty per Package **24**

WIDTH	LENGTH	HEIGHT
227 mm	141 mm	32 mm

○ WHITE

SWORDER 4.3" CE

Hands-Free



SWORDER 4.3" BLACK
4.3" LCD SCREEN
PRODUCT CODE: M.U.SW4.00002

SWORDER 4.3" WHITE
4.3" LCD SCREEN
PRODUCT CODE: M.U.SW4.00001



● BLACK

Qty per Package **50**

WIDTH	LENGTH	HEIGHT
156 mm	108,4 mm	30 mm

○ WHITE

SWORDER 7", SWORDER 7" PLUS, SWORDER 4.3"

- Slid onto included wall mount bracket
- Surface-mounted
- 2 speaker channel (while one apartment is communicating with the entrance, another apartment can communicate with the doorkeeper or security at the same time)
- Capability of communicating with the entrance and the doorkeeper
- Calls from the entrance or doorkeeper have higher priority over calls from security.
- Door Unlock
- 3 different types of ringtones (Doorbell ringtone, outdoor ringtone, Doorman or security ringtone) So you can understand afar where the call bell comes from.
- Audio settings (do not disturb option is available)
- Automatic screen time-out or manually turning the screen off features
- Capability of monitoring the door entrance
- Capability of connecting to up to 8 analog cameras to monitor different areas (car park, children's park etc.) if required (the cabling work properties affect the maximum operational distance of the cameras). AHD or IP cameras can not be connected.
- Brightness, contrast and voice settings
- System busy LED
- Communication with the security
- Capability of accessing the security camera (only 1 Analog Camera can be connected)
- 5 + coaxial cable (except inner bell cable)
- Capability of monitoring the 2nd door entrance directly with F1 key
- Capability of calling the 2nd security entrance with F2 key
- Ability to assign certain functions to F1 and F2 buttons via software update based on request
- Compatible with outdoor stations with keypad or with button type outdoor stations connected to button decoder (button decoder also reduces the cabling work)
- Capability of communicating with and unlocking 8 different door entrances.

TYPHOON 7" CE

Hands-Free



TYPHON 7" BLACK
7" LCD SCREEN
PRODUCT CODE: M.U.TY7.00017

TYPHON 7" WHITE
7" LCD SCREEN
PRODUCT CODE: M.U.TY7.00013



● BLACK

Qty per Package **24**

WIDTH	LENGTH	HEIGHT
227 mm	140,4 mm	24,4 mm

○ WHITE

TYPHOON 7" PLUS CE

INTER COMMUNICATION BTWN APTs.

Hands-Free



TYPHOON 7" PLUS BLACK
7" LCD SCREEN
PRODUCT CODE: M.U.TY7.00024

TYPHOON 7" PLUS WHITE
7" LCD SCREEN
PRODUCT CODE: M.U.TY7.00023



● BLACK

Qty per Package **24**

WIDTH	LENGTH	HEIGHT
227 mm	140,4 mm	24,4 mm

○ WHITE

TYPHOON 4.3" CE

Hands-Free



TYPHOON 4.3" BLACK
4.3" LCD SCREEN
PRODUCT CODE: M.U.TY4.00017

TYPHOON 4.3" WHITE
4.3" LCD SCREEN
PRODUCT CODE: M.U.TY4.00013



● BLACK

Qty per Package **50**

WIDTH	LENGTH	HEIGHT
156 mm	108,2 mm	27,5 mm

○ WHITE

TYPHOON 7", TYPHOON 7" PLUS, TYPHOON 4.3"

- Touch keys
- Hands-Free
- Decorative design
- Slid onto included wall mount bracket
- Surface-mounted
- 2 speaker channel (while one apartment is communicating with the entrance, another apartment can communicate with the doorkeeper or security at the same time)
- Capability of communicating with the entrance and the doorkeeper
- Calls from the entrance or doorkeeper have higher priority over calls from security.
- Door Unlock
- 3 different types of ringtones (Doorbell ringtone, outdoor ringtone, Doorman or security ringtone) So you can understand afar where the call bell comes from.
- Audio settings (do not disturb option is available)
- Automatic screen time-out or manually turning the screen off features
- Capability of monitoring the door entrance
- Capability of connecting to up to 8 analog cameras to monitor different areas (car park, children's park etc.) if required (the cabling work properties affect the maximum operational distance of the cameras). AHD or IP cameras can not be connected.
- Brightness, contrast and voice settings
- System busy LED
- Communication with the security
- Capability of accessing the security camera (only 1 Analog Camera can be connected)
- 5 + coaxial cable (except inner bell cable)
- Capability of monitoring the 2nd door entrance directly with F1 key
- Capability of calling the 2nd security entrance with F2 key
- Ability to assign certain functions to F1 and F2 buttons via software update based on request
- Compatible with outdoor stations with keypad or with button type outdoor stations connected to button decoder (button decoder also reduces the cabling work)
- Capability of communicating with and unlocking 8 different door entrances.

TIARA 4.3" CE



BASELINE



BLACK

- 4.3'' LCD Screen
- Push-Buttons (Push-to-Talk)
- Hands-Free option is available
- Decorative Design
- Slid onto included wall mount bracket, Surface-mounted
- 2 speaker channel (while one apartment is communicating with the entrance, another apartment can communicate with the doorkeeper or security at the same time)
- Capability of communicating with the entrance and the doorkeeper
- Calls from the entrance or doorkeeper have higher priority over calls from security.
- Door unlock
- 3 different types of ringtones (Doorbell ringtone, outdoor ringtone, Doorman or security ringtone) So you can understand afar where the call bell comes from.
- Audio settings (do not disturb option is available)
- Automatic screen time-out or manually turning the screen off features,
- Capability of monitoring the door entrance
- Capability of connecting to up to 8 analog cameras to monitor different areas (car park, children's park etc.) if required (the cabling work properties affect the maximum operational distance of the cameras). AHD or IP cameras can not be connected.
- Brightness, contrast and voice settings
- System Busy Led
- Communication with the security,
- Capability of accessing the security camera (only 1 Analog Camera can be connected)
- 5 + coaxial cable (except inner bell cable),
- Compatible with outdoor stations with keypad or with button type outdoor stations connected to button decoder (button decoder also reduces the cabling work)
- Capability of communicating with and unlocking 8 different door entrances.

TIARA 4,3"

TIARA 4.3" BASELINE
4.3" LCD SCREEN
PRODUCT CODE: M.U.TXL.00023

TIARA 4.3" BLACK
4.3" LCD SCREEN
PRODUCT CODE: M.U.TXL.00028

TIARA 4,3" Hands-Free

TIARA 4.3" BASELINE
4.3" LCD SCREEN
PRODUCT CODE: M.U.TXL.00030

TIARA 4.3" BLACK
4.3" LCD SCREEN
PRODUCT CODE: M.U.TXL.00044

WIDTH	LENGTH	HEIGHT
212 mm	109 mm	38 mm

Qty per Package **30**

WARRIOR 7" CE

Hands-Free



WARRIOR-X7 BLACK
7" LCD SCREEN
PRODUCT CODE: M.U.WXL.70018

WARRIOR-X7 WHITE
7" LCD SCREEN
PRODUCT CODE: M.U.WXL.70017



BLACK

Qty per Package **30**

WIDTH	LENGTH	HEIGHT
232 mm	123 mm	33 mm

WHITE

WARRIOR 7" PLUS CE

INTER COMMUNICATION BTWN APTs.

Hands-Free



WARRIOR-7 PLUS BLACK
7" LCD SCREEN
PRODUCT CODE: M.U.WXL.70023

WARRIOR-7 PLUS WHITE
7" LCD SCREEN
PRODUCT CODE: M.U.WXL.70022



BLACK

Qty per Package **30**

WIDTH	LENGTH	HEIGHT
232 mm	123 mm	33 mm

WHITE

WARRIOR 4.3" CE

Hands-Free



WARRIOR-4.3" BLACK
4.3" LCD SCREEN
PRODUCT CODE: M.U.WXL.43008

WARRIOR-4.3" WHITE
4.3" LCD SCREEN
PRODUCT CODE: M.U.WXL.43007



BLACK

Qty per Package **30**

WIDTH	LENGTH	HEIGHT
123 mm	232 mm	33 mm

WHITE

WARRIOR 7", WARRIOR 7" PLUS, WARRIOR 4.3"

- Push-buttons
- Hands-Free
- Decorative design
- Slid onto included wall mount bracket
- Surface-mounted
- 2 speaker channel (while one apartment is communicating with the entrance, another apartment can communicate with the doorkeeper or security at the same time)
- Capability of communicating with the entrance and the doorkeeper
- Calls from the entrance or doorkeeper have higher priority over calls from security.
- Door Unlock
- 3 different types of ringtones (Doorbell ringtone, outdoor ringtone, Doorman or security ringtone) So you can understand afar where the call bell comes from.
- Audio settings (do not disturb option is available)
- Automatic screen time-out or manually turning the screen off features
- Capability of monitoring the door entrance
- Capability of connecting to up to 8 analog cameras to monitor different areas (car park, children's park etc.) if required (the cabling work properties affect the maximum operational distance of the cameras). AHD or IP cameras can not be connected.
- Brightness, contrast and voice settings
- System busy LED
- Communication with the security
- Capability of accessing the security camera (only 1 Analog Camera can be connected)
- 5 + coaxial cable (except inner bell cable)
- Compatible with outdoor stations with keypad or with button type outdoor stations connected to button decoder (button decoder also reduces the cabling work)

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Video Intercom Systems

VISION 4.3”

Experience safety by having VISION on your door...

VISION
STANDARD

4.3” LCD SCREEN

PRODUCT CODE: M.U.VXL.00060



WIDTH	LENGTH	HEIGHT
196 mm	227 mm	69 mm

4.3'' TFT Screen, handset, without central, surface-mounted, 2 speaker channel (while one apartment is communicating with the entrance, another apartment can communicate with the doorkeeper or security at the same time), capability of communicating with the entrance and the doorkeeper, calls from the entrance or doorkeeper have higher priority over calls from security, door unlock, 3 different types of ringtones (Doorbell ringtone, outdoor ringtone, Doorman or security ringtone) , so you can understand afar where the call bell comes from; audio settings (do not disturb option is available), capability of communicating with and unlocking 8 different door entrances, capability of monitoring the door entrance, capability of connecting to up to 8 analog cameras to monitor different areas (car park, children's park etc.) if required (the cabling work properties affect the maximum operational distance of the cameras) AHD or IP cameras can not be connected;
brightness, contrast and voice settings, system busy LED, privacy mode, communication with the security, capability of accessing the security camera (only 1 Analog Camera can be connected), 5 + coaxial cable (except inner bell cable), compatible with outdoor stations with keypad or with button type outdoor stations connected to button decoder (button decoder also reduces the cabling work).

AUDIO INDOOR STATIONS

VISION
AUDIO INDOOR HANDSET
PRODUCT CODE: M.U.VXL.00015

Audio communication with the entrance, doorkeeper and security; capability of unlocking the door while being on a call; can communicate with button type outdoor stations without the need of bell cabling.

VISION
ELEVATOR HANDSET
PRODUCT CODE: M.U.VXL.00016



Qty per Package | 50

WIDTH	LENGTH	HEIGHT
87 mm	218 mm	59 mm (without handset 33 mm)



X SMALL
AUDIO OUTDOOR STATION WITH KEYPAD
PRODUCT CODE: M.U.PXL.00111



X SMALL
AUDIO OUTDOOR STATION WITH KEYPAD & CARD READER
PRODUCT CODE: M.U.PXL.00112

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

VISION
AUDIO OUTDOOR STATION WITH KEYPAD
PRODUCT CODE: M.U.PXL.00054

VISION
AUDIO OUTDOOR STATION WITH KEYPAD & CARD READER
PRODUCT CODE: M.U.PXL.00057

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

BUTTON TYPE AUDIO OUTDOOR STATION (DUAL LINE)



BUTTON NO	PRODUCT CODE
(1-2)	M.U.PXL.00080
(3-4)	M.U.PXL.00081
(5-6)	M.U.PXL.00082
(7-8)	M.U.PXL.00083
(9-10)	M.U.PXL.00084
(11-12)	M.U.PXL.00085
(13-14)	M.U.PXL.00086
(15-16)	M.U.PXL.00087
(17-18)	M.U.PXL.00088
(19-20)	M.U.PXL.00089
(21-22)	M.U.PXL.00090

BUTTON TYPE AUDIO OUTDOOR STATION (SINGLE LINE)



BUTTON NO	PRODUCT CODE
1	M.U.PXL.00001
2	M.U.PXL.00002
3	M.U.PXL.00003
4	M.U.PXL.00004
5	M.U.PXL.00005
6	M.U.PXL.00006
7	M.U.PXL.00007
8	M.U.PXL.00008
9	M.U.PXL.00009
10	M.U.PXL.00010
11	M.U.PXL.00011
12	M.U.PXL.00012

Security guards may fall asleep. Your Technological Guardians never do.

XP TOUCHSCREEN

OBSIDIAN

X SMALL

Video Intercom Systems

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a better way of secure life

ANTILOCK DOOR ENTRY PASSWORD PROTECTION UNIT CE



- 120 users' password storage capacity
- 4 digits password
- Adjustable relay switching time
- Relay contact output to open doors or etc.
- Change password feature
- Change the user's own password feature
- All passwords can be deleted except the administrator's password
- Panels with keypad have sound warning, OK, ERROR feedbacks
- Keypad backlight

PRODUCT CODE: M.U.SKG.00001

WIDTH	LENGTH
122 mm	171 mm

Qty per Package | 20

ANTILOCK DOOR ENTRY RFID READER UNIT CE



RFID READER PANEL

PRODUCT CODE: M.U.SKG.00002

WIDTH	LENGTH
122 mm	171 mm

- 1000 user capacity
- 4 administrator capacity
- Sound alarm
- Key-fob range max. 10 cm
- RFID frequency is 125 KHz
- Memory can be reset via the panel

KEY FOB

PRODUCT CODE: M.U.KGP.00002

Qty per Package | 20

OUTDOOR STATION DECORATIVE BASE WITH BLUE LED LIGHTING



M.U.ZAL.00004

XP TOUCH-SCREEN

WIDTH	LENGTH
200 mm	416.5 mm



M.U.ZAL.00002

OBSIDIAN

WIDTH	LENGTH
220 mm	480 mm



M.U.ZAL.00005

SMALL

WIDTH	LENGTH
200 mm	416.5 mm



M.U.ZAL.00006

X SMALL

WIDTH	LENGTH
180 mm	380 mm

NAMETAG STATION FOR BUTTON TYPE VIDEO OUTDOOR STATIONS CE



PRODUCT CODE: M.U.DIS.00002

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ACCESSORIES

SECURITY CONSOLE

PRODUCT CODE: M.U.GXL.00002 CE

SECURITY CONSOLE



SECURITY CONSOLE MODULE

PRODUCT CODE: M.U.GXL.00001 CE

SECURITY CONSOLE MODULE
(1 unit per apartment building if security system is purchased.)



ADAPTER – SMPS (18 V – DC / 2.9 A)

PRODUCT CODE: M.U.SMP.00001 CE

ADAPTER – SMPS (18 V – DC / 2.9 A)
(Used as power supply for the system. 1 unit per apartment building is required.)



VIDEO DISTRIBUTOR (1 Inlet, 4 Outlet)

PRODUCT CODE: M.U.VDD.00001 CE

VIDEO DISTRIBUTOR (1 Inlet, 4 Outlet)
(Used as many as the number of junction boxes.)



VIDEO AMPLIFIER (1 Inlet, 4 Outlet)

PRODUCT CODE: M.U.VYU.00001 CE

VIDEO AMPLIFIER (1 Inlet, 4 Outlet)
(Used if system exceeds 15 apartments.)



BUTTON DECODER (15+1 Apt.)

PRODUCT CODE: M.U.DXL.00001 CE

BUTTON DECODER (15+1 Apt.)
(Used to operate button type outdoor station without doorbell cabling.)



ANALOG 8 CAMERA SELECTION MODULE

PRODUCT CODE: M.U.KXL.00001 CE

ANALOG 8 CAMERA SELECTION MODULE
(1 Inlet, 8 Outlet)(For 8 External Cameras)



SMART JUNCTION BOX

PRODUCT CODE: M.U.AKL.00003 CE

SMART JUNCTION BOX
Depending on cabling infrastructure properties, may be beneficial or necessary. 1 smart junction box can be connected to max. 4 aparments.



CABLE

PRODUCT CODE: H.M.KBL.00003 CE

CCTV (6+1)VIDEO INTERCOM CABLE
(Used to replace old intercom cables in the apartment building)

(3 X 0.75 mm2 + 3 x 0.35 mm2 + mini U6 Video Cable)



Video Intercom Systems

XP-2 VIDEO OUTDOOR STATION WITH KEYPAD & CARD READER



- 4.3'' LCD Screen
- Touch Keypad
- Date and Time Display
- Easy Navigation through the Menu with Up and Down Keys
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- COLOR Camera
- Night Vision LED Lighting
- Decorative Base with Blue LED Lighting Included
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry Protection to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

WIDTH	LENGTH	HEIGHT
120 mm	315 mm	30 mm

PRODUCT CODE: M.U.PXL.00103

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

XP-1 VIDEO OUTDOOR STATION WITH KEYPAD & CARD READER



- 4x20 Character Blue LCD Screen
- Touch Keypad
- Easy Navigation through the Menu with Up and Down Keys
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- COLOR Camera
- Night Vision LED Lighting
- Decorative Base with Blue LED Lighting Included
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry Protection to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

WIDTH	LENGTH	HEIGHT
120 mm	315 mm	30 mm

PRODUCT CODE:M.U.PXL.00099

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

OBSIDIAN VIDEO OUTDOOR STATION WITH KEYPAD & CARD READER



- 4x20 Character Blue LCD Screen
- Decorative Blue Case Lighting
- Easy Navigation through the Menu with Up and Down Keys
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- COLOR Camera
- Night Vision LED Lighting
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry Protection to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

WIDTH	LENGTH	HEIGHT
140 mm	400 mm	40 mm

PRODUCT CODE: M.U.PXL.00070

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

X SMALL VIDEO OUTDOOR STATION WITH KEYPAD



- 2x16 Character Blue LCD Screen
- Door-Lock Release via Password Entry
- COLOR Camera
- Night Vision LED Lighting
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry Protection to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

WIDTH	LENGTH	HEIGHT
125 mm	308 mm	25 mm

PRODUCT CODE: M.U.PXL.00109

X SMALL VIDEO OUTDOOR STATION WITH KEYPAD & CARD READER



- 2x16 Character Blue LCD Screen
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- COLOR Camera
- Night Vision LED Lighting
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry Protection to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.PXL.00110

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

SMALL VIDEO OUTDOOR STATION WITH KEYPAD



- 4x20 Character Blue LCD Screen
- Door-Lock Release via Password Entry
- COLOR Camera
- Night Vision LED Lighting
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry Protection to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

WIDTH	LENGTH	HEIGHT
140 mm	375 mm	25 mm

PRODUCT CODE: M.U.PXL.00096

SMALL VIDEO OUTDOOR STATION WITH KEYPAD & CARD READER



- 4x20 Character Blue LCD Screen
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- COLOR Camera
- Night Vision LED Lighting
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry Protection to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.PXL.00098

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

ANGLE ADJUSTMENT BRACKETS WITH DECORATIVE BACKLIGHT FOR OUTDOOR STATION

DESCRIPTION	PRODUCT CODE
1 Button Villa Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00021
2 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00022
3 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00023
4 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00024
5 Button Outdoor Station & Small Video Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00025
6 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00026
7 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00027
8 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00028
OBSIDIAN Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00029
XP Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00030
OBSIDIAN 1 Button Villa Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00031
X SMALL Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00033



- It is used to adjust camera view angle of outdoor stations
- Up to -37° / +37° angulation

ANGLE ADJUSTMENT BRACKETS FOR VIDEO OUTDOOR STATION

DESCRIPTION	PRODUCT CODE
1 Button Villa Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00001
2 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00002
3 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00003
4 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00004
5 Button Outdoor Station & Small Video Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00005
6 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00006
7 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00007
8 Button Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00008
OBSIDIAN Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00010
OBSIDIAN 1 Button Villa Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00011
XP Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00012
X SMALL Outdoor Station Camera View Angle Adjustment Bracket	M.U.ZPC.00013



- It is used to adjust camera view angle of outdoor stations
- Up to -37° / +37° angulation

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a better way of secure life

BUTTON TYPE VIDEO OUTDOOR STATION (DUAL LINE)

BUTTON NO	Product Code
(1-2)	M.U.PXL.00017
(3-4)	M.U.PXL.00018
(5-6)	M.U.PXL.00019
(7-8)	M.U.PXL.00020
(9-10)	M.U.PXL.00021
(11-12)	M.U.PXL.00022
(13-14)	M.U.PXL.00023
(15-16)	M.U.PXL.00024



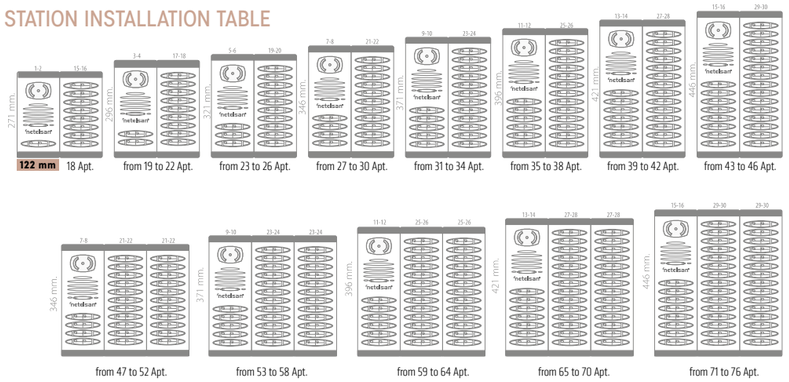
BUTTON TYPE OUTDOOR STATION EXTENSION (DUAL LINE)

BUTTON NO	Product Code
(15-16)	M.U.ZPA.00008
(17-18)	M.U.ZPA.00009
(19-20)	M.U.ZPA.00010
(21-22)	M.U.ZPA.00011
(23-24)	M.U.ZPA.00012
(25-26)	M.U.ZPA.00013
(27-28)	M.U.ZPA.00014
(29-30)	M.U.ZPA.00015



DUAL LINE OUTDOOR STATION INSTALLATION TABLE





Note: The width of outdoor station is 122 mm

BUTTON TYPE VIDEO OUTDOOR STATION (SINGLE LINE)

BUTTON NO	Product Code
1	M.U.PXL.00025
2	M.U.PXL.00026
3	M.U.PXL.00027
4	M.U.PXL.00028
5	M.U.PXL.00029
6	M.U.PXL.00030
7	M.U.PXL.00031
8	M.U.PXL.00032



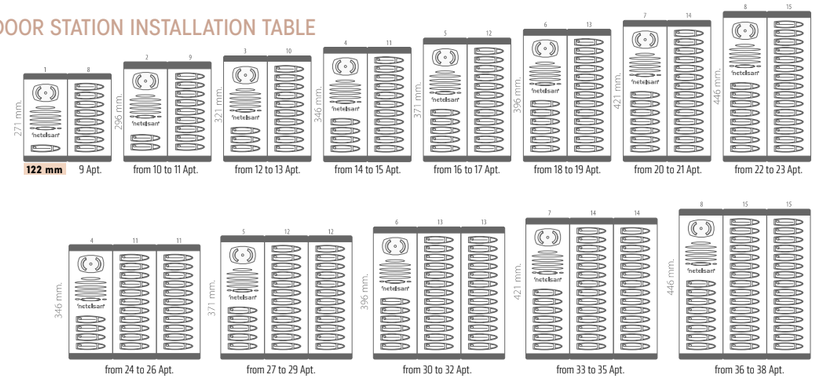
BUTTON TYPE OUTDOOR STATION EXTENSION (SINGLE LINE)

BUTTON NO	Product Code
8	M.U.ZPA.00023
9	M.U.ZPA.00024
10	M.U.ZPA.00025
11	M.U.ZPA.00026
12	M.U.ZPA.00027
13	M.U.ZPA.00028
14	M.U.ZPA.00029
15	M.U.ZPA.00030



SINGLE LINE OUTDOOR STATION INSTALLATION TABLE

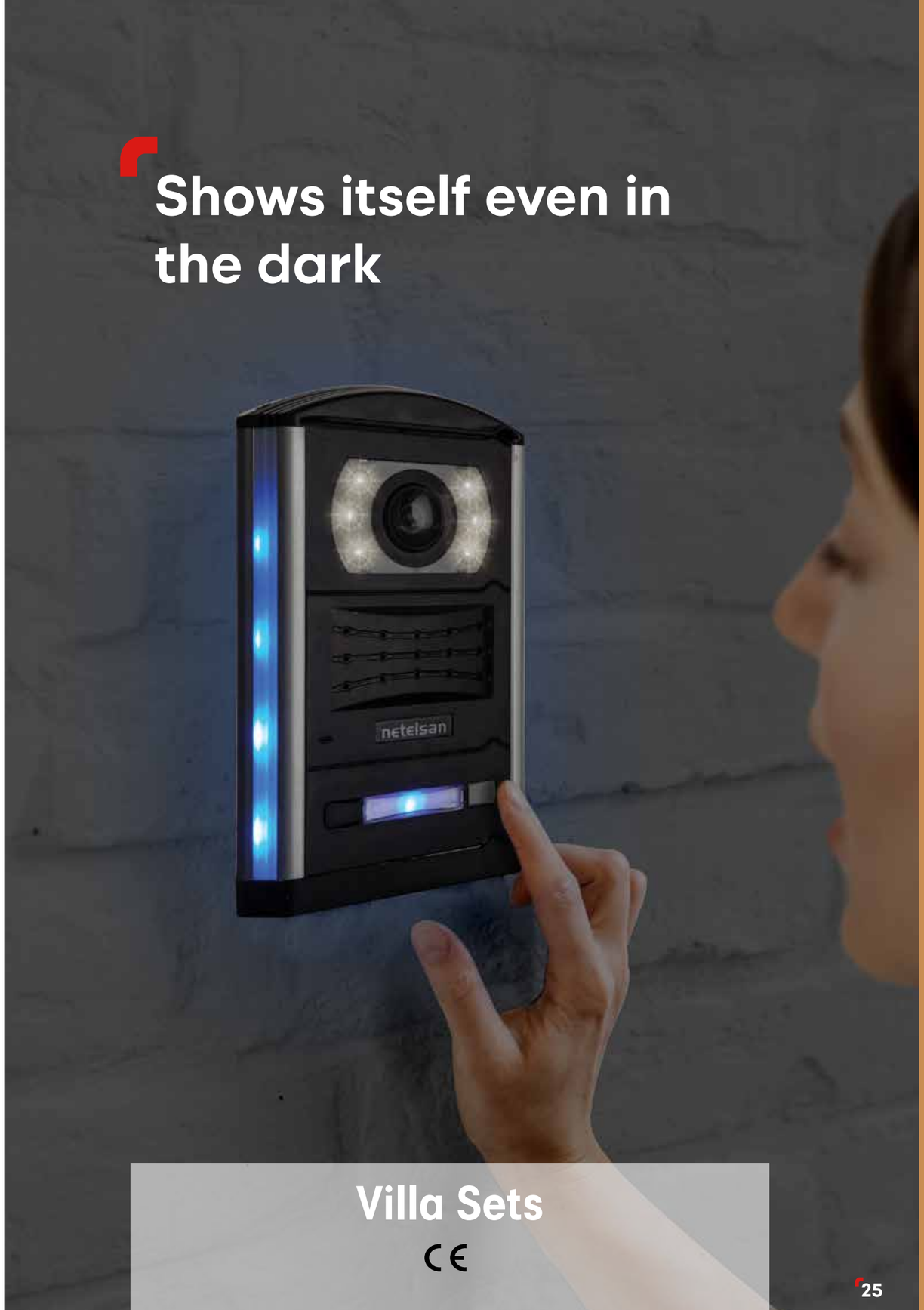




Note: The width of outdoor station is 122 mm

Video Intercom Systems

Shows itself even in the dark



Villa Sets

ALGAN 7''TFT-LCD COLOR SCREEN TOUCH KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION	
M.U.VLK.00106 HANDS-FREE	M.U.VLK.00124 HANDS-FREE
M.U.VLK.00107 HANDS-FREE	M.U.VLK.00125 HANDS-FREE
M.U.VLK.00108 HANDS-FREE	M.U.VLK.00126 HANDS-FREE



SWORDER 7''TFT-LCD COLOR SCREEN PUSH-BUTTON VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION	
M.U.SVK.00010 HANDS-FREE	M.U.SVK.00004 HANDS-FREE
M.U.SVK.00011 HANDS-FREE	M.U.SVK.00005 HANDS-FREE
M.U.SVK.00012 HANDS-FREE	M.U.SVK.00006 HANDS-FREE



TYPHOON 7''TFT-LCD COLOR SCREEN TOUCH KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION	
M.U.TVK.00010 HANDS-FREE	M.U.TVK.00004 HANDS-FREE
M.U.TVK.00011 HANDS-FREE	M.U.TVK.00005 HANDS-FREE
M.U.TVK.00012 HANDS-FREE	M.U.TVK.00006 HANDS-FREE



WARRIOR X7-7''TFT-LCD COLOR SCREEN PUSH-BUTTON KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION	
M.U.VLK.00115 HANDS-FREE	M.U.VLK.00133 HANDS-FREE
M.U.VLK.00116 HANDS-FREE	M.U.VLK.00134 HANDS-FREE
M.U.VLK.00117 HANDS-FREE	M.U.VLK.00135 HANDS-FREE



ANGLE ADJUSTMENT BRACKETS FOR OBSIDIAN VIDEO VILLA OUTDOOR STATIONS



PRODUCT DETAILS	PRODUCT CODE
ANGLE ADJUSTMENT BRACKETS ARE USED TO ADJUST CAMERA VIEW ANGLE OF OUTDOOR STATIONS	M.U.ZPC.00031

ANGLE ADJUSTMENT BRACKETS FOR VIDEO VILLA OUTDOOR STATION



PRODUCT DETAILS	PRODUCT CODE
ANGLE ADJUSTMENT BRACKETS ARE USED TO ADJUST CAMERA VIEW ANGLE OF OUTDOOR STATIONS	M.U.ZPC.00021

OBSIDIAN VIDEO VILLA OUTDOOR STATION



PRODUCT DETAILS	PRODUCT CODE
1 BUTTON, NIGHT VISION, EASY MOUNTING, DECORATIVE CASE LIGHTING, CAPABILITY OF COMMUNICATING WITH UP TO 4 INDOOR STATIONS IN THE VILLA	M.U.PXL.00092

VIDEO VILLA OUTDOOR STATION



PRODUCT DETAILS	PRODUCT CODE
1 BUTTON, NIGHT VISION, EASY MOUNTING, DECORATIVE CASE LIGHTING, CAPABILITY OF COMMUNICATING WITH UP TO 4 INDOOR STATIONS IN THE VILLA	M.U.PXL.00025

ANGLE ADJUSTMENT BRACKETS FOR OBSIDIAN VIDEO VILLA OUTDOOR STATIONS



PRODUCT DETAILS	PRODUCT CODE
IT IS USED FOR ADJUSTING CAMERA VIEW ANGLE OF OUTDOOR STATIONS	M.U.ZPC.00011

ANGLE ADJUSTMENT BRACKETS FOR VIDEO VILLA OUTDOOR STATIONS



PRODUCT DETAILS	PRODUCT CODE
IT IS USED FOR ADJUSTING CAMERA VIEW ANGLE OF OUTDOOR STATIONS	M.U.ZPC.00001

ALGAN 4.3''TFT-LCD COLOR SCREEN TOUCH KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION		
M.U.VLK.00109 HANDS-FREE	M.U.VLK.00127 HANDS-FREE	
M.U.VLK.00110 HANDS-FREE	M.U.VLK.00128 HANDS-FREE	
M.U.VLK.00111 HANDS-FREE	M.U.VLK.00129 HANDS-FREE	



SWORDER 4.3''TFT-LCD COLOR SCREEN PUSH-BUTTON KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION		
M.U.SVK.00007 HANDS-FREE	M.U.SVK.00001 HANDS-FREE	
M.U.SVK.00008 HANDS-FREE	M.U.SVK.00002 HANDS-FREE	
M.U.SVK.00009 HANDS-FREE	M.U.SVK.00003 HANDS-FREE	



TYPHOON 4.3''TFT-LCD COLOR SCREEN TOUCH KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION		
M.U.TVK.00007 HANDS-FREE	M.U.TVK.00001 HANDS-FREE	
M.U.TVK.00008 HANDS-FREE	M.U.TVK.00002 HANDS-FREE	
M.U.TVK.00009 HANDS-FREE	M.U.TVK.00003 HANDS-FREE	



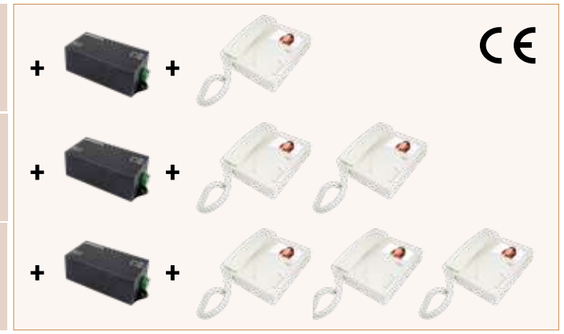
WARRIOR X4.3''TFT-LCD COLOR SCREEN PUSH-BUTTON KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION		
M.U.VLK.00112 HANDS-FREE	M.U.VLK.00130 HANDS-FREE	
M.U.VLK.00113 HANDS-FREE	M.U.VLK.00131 HANDS-FREE	
M.U.VLK.00114 HANDS-FREE	M.U.VLK.00132 HANDS-FREE	



VISION 4.3''HANDSET VILLA SETS

OBSIDIAN OUTDOOR STATION	
M.U.VXL.00090	M.U.VKX.40005
M.U.VXL.00091	M.U.VKX.40006
M.U.VXL.00092	M.U.VKX.40007



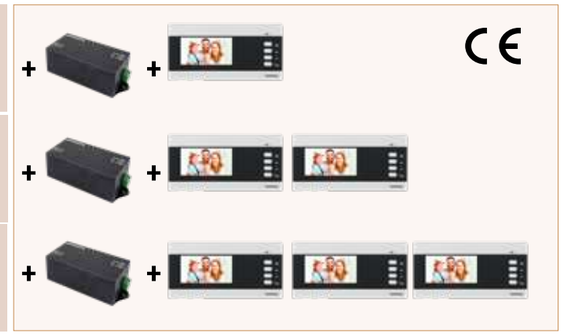
TIARA 4.3''TFT-LCD COLOR SCREEN PUSH-BUTTON KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION	
M.U.VXL.00027	M.U.VKX.40021
M.U.VXL.00028	M.U.VKX.40022
M.U.VXL.00029	M.U.VKX.40023



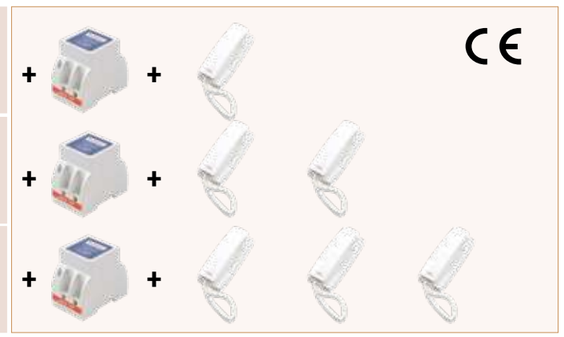
ALVARA 4.3''TFT-LCD COLOR SCREEN PUSH-BUTTON KEY VIDEO VILLA SETS

OBSIDIAN OUTDOOR STATION	
M.U.VXL.00096	M.U.VKX.40044
M.U.VXL.00097	M.U.VKX.40045
M.U.VXL.00098	M.U.VKX.40046



AXTEL AUDIO HANDSET VILLA SETS

M.U.VLK.00008	
M.U.VLK.00009	
M.U.VLK.00010	



Safety is on call



Communication Systems with Audio Handset

CE

Audio Indoor
Handset Systems

netelsan®
a better way of secure life

NEXTEL - AUDIO INDOOR HANDSET SYSTEMS

Qty per Package | 50

CE



AUDIO HANDSET WITHOUT DOORKEEPER (Privacy Function) — PRODUCT CODE: M.U.NEX.00001



AUDIO HANDSET WITHOUT DOORKEEPER WITH STAIRCASE TIMER (Privacy Function) — PRODUCT CODE: M.U.NEX.00002



AUDIO HANDSET WITH DOORKEEPER STATION (Privacy Function) — PRODUCT CODE: M.U.NEX.00003



AUDIO HANDSET WITH DOORKEEPER & STAIRCASE TIMER (Privacy Function) — PRODUCT CODE: M.U.NEX.00004



AUDIO DOORKEEPER HANDSET (Privacy Function) — PRODUCT CODE: M.U.NEX.00005



AUDIO DOORKEEPER HANDSET WITH STAIRCASE TIMER (Privacy Function) — PRODUCT CODE: M.U.NEX.00006

CENTRAL WITHOUT DOORKEEPER - PRIVACY FUNCTION

Qty per Package | 24



- CENTRAL WITH DUAL DOORBELL & NO DOORKEEPER — PRODUCT CODE: M.U.NEX.00007
- CENTRAL WITH DUAL DOORBELL &STAIRCASE TIMER & NO DOORKEEPER — PRODUCT CODE: M.U.NEX.00008
- CENTRAL WITH DUAL DOORBELL & DUAL DOOR SELECTION OPTION & NO DOORKEEPER — PRODUCT CODE: M.U.NEX.00009
- CENTRAL WITH DUAL DOORBELL & DUAL DOOR SELECTION OPTION & STAIRCASE TIMER & NO DOORKEEPER — PRODUCT CODE: M.U.NEX.00010

CENTRAL WITH DOORKEEPER - PRIVACY FUNCTION

Qty per Package | 24



- CENTRAL WITH DOORKEEPER & DUAL DOORBELL — PRODUCT CODE: M.U.NEX.00011
- CENTRAL WITH DOORKEEPER & DUAL DOORBELL & STAIRCASE TIMER — PRODUCT CODE: M.U.NEX.00012
- CENTRAL WITH DOORKEEPER & DUAL DOORBELL & DUAL DOOR SELECTION OPTION — PRODUCT CODE: M.U.NEX.00013
- CENTRAL WITH DOORKEEPER & DUAL DOORBELL & DUAL DOOR SELECTION OPTION & STAIRCASE TIMER — PRODUCT CODE: M.U.NEX.00014

NEXTEL CODE DECODER

(Used for connecting digital outdoor stations to audio indoor handset systems or open voice intercom systems.)



- 0-15 APARTMENTS — PRODUCT CODE: M.U.KOD.00025
- 16-31 APARTMENTS — PRODUCT CODE: M.U.KOD.00026
- 32-47 APARTMENTS — PRODUCT CODE: M.U.KOD.00027
- 48-63 APARTMENTS — PRODUCT CODE: M.U.KOD.00028
- 64-79 APARTMENTS — PRODUCT CODE: M.U.KOD.00029
- 80-95 APARTMENTS — PRODUCT CODE: M.U.KOD.00030
- 96-111 APARTMENTS — PRODUCT CODE: M.U.KOD.00031
- 112-127 APARTMENTS — PRODUCT CODE: M.U.KOD.00032

NEXTEL OBSIDIAN AUDIO OUTDOOR STATION WITH KEYPAD & CARD READER



- 4x20 Character Blue LCD Screen
- Decorative Blue Case Lighting
- Easy Navigation through the Menu with Up and Down Keys
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.NEX.00079

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

NEXTEL AUDIO OUTDOOR STATION WITH KEYPAD



- 4x20 Character Blue LCD Screen
- Door-Lock Release via Password Entry
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.PXL.00108

NEXTEL AUDIO OUTDOOR STATION WITH KEYPAD & CARD READER



- 4x20 Character Blue LCD Screen
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.PXL.00107

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

NAMETAG STATION FOR NEXTEL VIDEO OUTDOOR STATION WITH KEYPAD



- It can be used with the Audio Outdoor Station with Keypad
- From 12 to 48 Apartment Nametags
- Nametags with LED Backlighting

PRODUCT CODE: M.U.DIS.00001

NAMETAG STATION FOR NEXTEL AUDIO OUTDOOR STATION WITH KEYPAD & CARD READER



- It can be used with the Audio Outdoor Station with Keypad & Card Reader
- From 15 to 60 Apartment Nametags
- Nametags with LED Backlighting

PRODUCT CODE: M.U.KDP.00001

NEXTEL BUTTON TYPE OUTDOOR STATION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.NEX.00041
(3-4)	M.U.NEX.00042
(5-6)	M.U.NEX.00043
(7-8)	M.U.NEX.00044
(9-10)	M.U.NEX.00045
(11-12)	M.U.NEX.00046
(13-14)	M.U.NEX.00047
(15-16)	M.U.NEX.00048
(17-18)	M.U.NEX.00049
(19-20)	M.U.NEX.00050
(21-22)	M.U.NEX.00051

ECONOMIC



BUTTON TYPE OUTDOOR STATION EXTENSION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.ZPA.00031
(3-4)	M.U.ZPA.00032
(5-6)	M.U.ZPA.00033
(7-8)	M.U.ZPA.00034
(9-10)	M.U.ZPA.00035
(11-12)	M.U.ZPA.00036
(13-14)	M.U.ZPA.00037
(15-16)	M.U.ZPA.00038
(17-18)	M.U.ZPA.00039
(19-20)	M.U.ZPA.00040
(21-22)	M.U.ZPA.00041
(23-24)	M.U.ZPA.00042
(25-26)	M.U.ZPA.00043
(27-28)	M.U.ZPA.00044
(29-30)	M.U.ZPA.00045

ECONOMIC



NEXTEL BUTTON TYPE OUTDOOR STATION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.NEX.00016
(3-4)	M.U.NEX.00017
(5-6)	M.U.NEX.00018
(7-8)	M.U.NEX.00019
(9-10)	M.U.NEX.00020
(11-12)	M.U.NEX.00021
(13-14)	M.U.NEX.00022
(15-16)	M.U.NEX.00023
(17-18)	M.U.NEX.00024
(19-20)	M.U.NEX.00025
(21-22)	M.U.NEX.00026



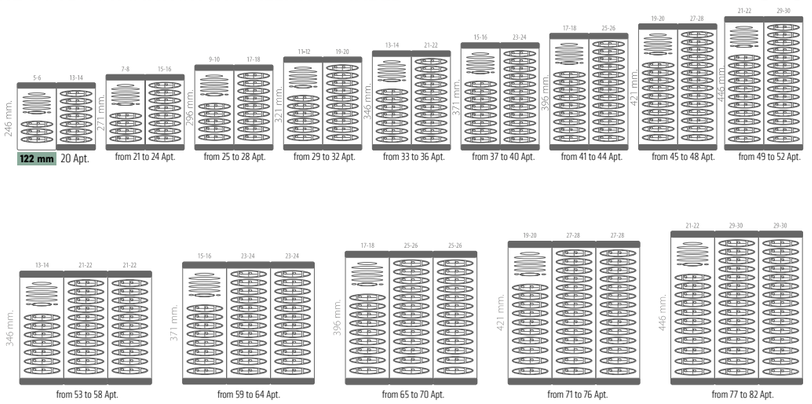
BUTTON TYPE OUTDOOR STATION EXTENSION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.ZPA.00001
(3-4)	M.U.ZPA.00002
(5-6)	M.U.ZPA.00003
(7-8)	M.U.ZPA.00004
(9-10)	M.U.ZPA.00005
(11-12)	M.U.ZPA.00006
(13-14)	M.U.ZPA.00007
(15-16)	M.U.ZPA.00008
(17-18)	M.U.ZPA.00009
(19-20)	M.U.ZPA.00010
(21-22)	M.U.ZPA.00011
(23-24)	M.U.ZPA.00012
(25-26)	M.U.ZPA.00013
(27-28)	M.U.ZPA.00014
(29-30)	M.U.ZPA.00015



NEXTEL DUAL LINE OUTDOOR STATION INSTALLATION TABLE





ECO and CLOSE models are available.

NEXTEL

NEXTEL BUTTON TYPE OUTDOOR STATION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.NEX.00052
2	M.U.NEX.00053
3	M.U.NEX.00054
4	M.U.NEX.00055
5	M.U.NEX.00056
6	M.U.NEX.00057
7	M.U.NEX.00058
8	M.U.NEX.00059
9	M.U.NEX.00060
10	M.U.NEX.00061
11	M.U.NEX.00062
12	M.U.NEX.00063

ECONOMIC



BUTTON TYPE OUTDOOR STATION EXTENSION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.ZPA.00046
2	M.U.ZPA.00047
3	M.U.ZPA.00048
4	M.U.ZPA.00049
5	M.U.ZPA.00050
6	M.U.ZPA.00051
7	M.U.ZPA.00052
8	M.U.ZPA.00053
9	M.U.ZPA.00054
10	M.U.ZPA.00055
11	M.U.ZPA.00056
12	M.U.ZPA.00057
13	M.U.ZPA.00058
14	M.U.ZPA.00059
15	M.U.ZPA.00060

ECONOMIC



NEXTEL BUTTON TYPE OUTDOOR STATION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.NEX.00027
2	M.U.NEX.00028
3	M.U.NEX.00029
4	M.U.NEX.00030
5	M.U.NEX.00031
6	M.U.NEX.00032
7	M.U.NEX.00033
8	M.U.NEX.00034
9	M.U.NEX.00035
10	M.U.NEX.00036
11	M.U.NEX.00037
12	M.U.NEX.00038



BUTTON TYPE OUTDOOR STATION EXTENSION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.ZPA.00016
2	M.U.ZPA.00017
3	M.U.ZPA.00018
4	M.U.ZPA.00019
5	M.U.ZPA.00020
6	M.U.ZPA.00021
7	M.U.ZPA.00022
8	M.U.ZPA.00023
9	M.U.ZPA.00024
10	M.U.ZPA.00025
11	M.U.ZPA.00026
12	M.U.ZPA.00027
13	M.U.ZPA.00028
14	M.U.ZPA.00029
15	M.U.ZPA.00030



NEXTEL SINGLE LINE OUTDOOR STATION INSTALLATION TABLE



ECO and CLOSE models are available.

AXTEL INDOOR HANDSET SYSTEMS



Qty per Package | 50

PRODUCT CODE: M.U.AXT.00001

15 V. 15 W FEEDER TRANSFORMER (31 APARTMENT CAPACITY)



Qty per Package | 24

PRODUCT CODE: M.U.TRF.00001

AXTEL AUDIO OUTDOOR STATION WITH KEYPAD



PRODUCT CODE: M.U.AXT.00051



AXTEL (0-15 APARTMENTS) CODE DECODER

PRODUCT CODE: M.U.KOD.00025

AXTEL (16-31 APARTMENTS) CODE DECODER

PRODUCT CODE: M.U.KOD.00026

AXTEL OPEN BUTTON TYPE OUTDOOR STATION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.AXT.00025
(3-4)	M.U.AXT.00026
(5-6)	M.U.AXT.00027
(7-8)	M.U.AXT.00028
(9-10)	M.U.AXT.00029
(11-12)	M.U.AXT.00030
(13-14)	M.U.AXT.00031
(15-16)	M.U.AXT.00032
(17-18)	M.U.AXT.00033
(19-20)	M.U.AXT.00034
(21-22)	M.U.AXT.00035

ECONOMIC



AXTEL OPEN BUTTON TYPE OUTDOOR STATION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.AXT.00036
2	M.U.AXT.00037
3	M.U.AXT.00038
4	M.U.AXT.00039
5	M.U.AXT.00040
6	M.U.AXT.00041
7	M.U.AXT.00042
8	M.U.AXT.00043
9	M.U.AXT.00044
10	M.U.AXT.00045
11	M.U.AXT.00046
12	M.U.AXT.00047

ECONOMIC



AXTEL CLOSE BUTTON TYPE OUTDOOR STATION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.AXT.00002
(3-4)	M.U.AXT.00003
(5-6)	M.U.AXT.00004
(7-8)	M.U.AXT.00005
(9-10)	M.U.AXT.00006
(11-12)	M.U.AXT.00007
(13-14)	M.U.AXT.00008
(15-16)	M.U.AXT.00009
(17-18)	M.U.AXT.00010
(19-20)	M.U.AXT.00011
(21-22)	M.U.AXT.00012



AXTEL CLOSE BUTTON TYPE OUTDOOR STATION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.AXT.00013
2	M.U.AXT.00014
3	M.U.AXT.00015
4	M.U.AXT.00016
5	M.U.AXT.00017
6	M.U.AXT.00018
7	M.U.AXT.00019
8	M.U.AXT.00020
9	M.U.AXT.00021
10	M.U.AXT.00022
11	M.U.AXT.00023
12	M.U.AXT.00024



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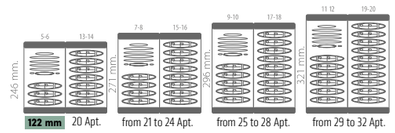
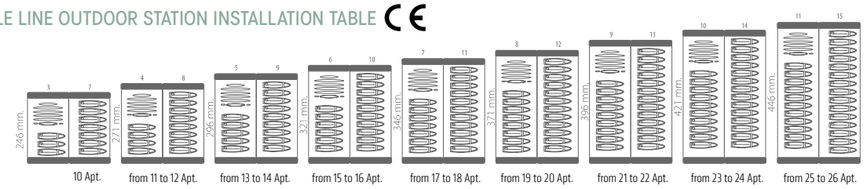
AXTEL DUAL LINE OUTDOOR STATION INSTALLATION TABLE CE





AXTEL SINGLE LINE OUTDOOR STATION INSTALLATION TABLE CE





ECO and CLOSE models are available.

Make Communication your priority



Open-Voice Intercom Systems

CE

Open-Voice Intercom Systems CE

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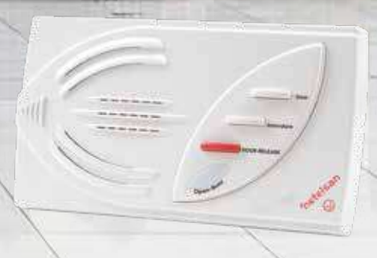
VEGA STATION WITHOUT DOORKEEPER
PRODUCT CODE: M.U.DIA.00001



VEGA STATION WITH DOORKEEPER

PRODUCT CODE: M.U.DIA.00003



VEGA IQ STATION WITHOUT DOORKEEPER
(WITH VOLUME CONTROL)

PRODUCT CODE: M.U.DIA.00005



VEGA IQ STATION WITH DOORKEEPER
(WITH VOLUME CONTROL)

PRODUCT CODE: M.U.DIA.00007



VEGA DOORKEEPER'S STATION

PRODUCT CODE: M.U.DIA.00085

Qty per Package | 90

Open-Voice
Intercom Systems

VEGA CENTRAL WITHOUT DOORKEEPER



CENTRAL WITH DUAL DOORBELL & NO DOORKEEPER

PRODUCT CODE: M.U.DIA.00028

CENTRAL WITH DUAL DOOR BELL & DUAL DOOR SELECTION OPTION & NO DOORKEEPER

PRODUCT CODE: M.U.DIA.00030

Qty per Package | 24

VEGA CENTRAL WITH DOORKEEPER



CENTRAL WITH DOORKEEPER & DUAL DOORBELL (DOORKEEPER'S STATION IS NOT INCLUDED)

PRODUCT CODE: M.U.DIA.00033

CENTRAL WITH DOORKEEPER & DUAL DOORBELL & DUAL DOOR SELECTION OPTION

PRODUCT CODE: M.U.DIA.00035

Qty per Package | 24

OBSIDIAN AUDIO OUTDOOR STATION WITH KEYPAD AND CARD READER FOR OPEN-VOICE INTERCOM



- X20 Character Blue LCD Screen
- Decorative Blue Case Lighting
- Easy Navigation through the Menu with Up and Down Keys
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.DIA.00100

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

AUDIO OUTDOOR STATION WITH KEYPAD FOR OPEN-VOICE INTERCOM



- 4X20 Character Blue LCD Screen
- Door-Lock Release via Password Entry
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.PXL.00105

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

AUDIO OUTDOOR STATION WITH KEYPAD & CARD READER FOR OPEN-VOICE INTERCOM



- 4X20 Character Blue LCD Screen
- RFID reader for Key Fob or Cards
- 1000 RFID recognition capacity
- Door-Lock Release via Password Entry
- Blue Keypad Backlight
- Directory creation, editing, deletion features
- Using directory to search by name
- Password Entry to Access Admin Menu
- Easy Installation, Plaster or Marble Surface Mounting
- Ability to save as many names and passwords as the number of apartments

PRODUCT CODE: M.U.PXL.00106

KEY-FOB
PRODUCT CODE: M.U.KGP.00002

OPEN-VOICE INTERCOM SYSTEM CODE DECODER



0-15 APARTMENTS	PRODUCT CODE: M.U.KOD.00025
16-31 APARTMENTS	PRODUCT CODE: M.U.KOD.00026
32-47 APARTMENTS	PRODUCT CODE: M.U.KOD.00027
48-63 APARTMENTS	PRODUCT CODE: M.U.KOD.00028
64-79 APARTMENTS	PRODUCT CODE: M.U.KOD.00029
80-95 APARTMENTS	PRODUCT CODE: M.U.KOD.00030
96-111 APARTMENTS	PRODUCT CODE: M.U.KOD.00031
112-127 APARTMENTS	PRODUCT CODE: M.U.KOD.00032

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NAMETAG STATION FOR NEXTEL VIDEO OUTDOOR STATION WITH KEYPAD



- It can be used with the Audio Outdoor Station with Keypad
- From 12 to 48 Apartment Nametags
- Nametags with LED Backlighting

PRODUCT CODE: M.U.DIS.00001



- It can be used with the Audio Outdoor Station with Keypad & Card Reader
- From 15 to 60 Apartment Nametags
- Nametags with LED Backlighting

PRODUCT CODE: M.U.KDP.00001

BUTTON TYPE OUTDOOR STATION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.DIA.00062
(3-4)	M.U.DIA.00063
(5-6)	M.U.DIA.00064
(7-8)	M.U.DIA.00065
(9-10)	M.U.DIA.00066
(11-12)	M.U.DIA.00067
(13-14)	M.U.DIA.00068
(15-16)	M.U.DIA.00069
(17-18)	M.U.DIA.00070
(19-20)	M.U.DIA.00071
(21-22)	M.U.DIA.00072

ECONOMIC



BUTTON TYPE OUTDOOR STATION EXTENSION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.ZPA.00031
(3-4)	M.U.ZPA.00032
(5-6)	M.U.ZPA.00033
(7-8)	M.U.ZPA.00034
(9-10)	M.U.ZPA.00035
(11-12)	M.U.ZPA.00036
(13-14)	M.U.ZPA.00037
(15-16)	M.U.ZPA.00038
(17-18)	M.U.ZPA.00039
(19-20)	M.U.ZPA.00040
(21-22)	M.U.ZPA.00041
(23-24)	M.U.ZPA.00042
(25-26)	M.U.ZPA.00043
(27-28)	M.U.ZPA.00044
(29-30)	M.U.ZPA.00045

ECONOMIC



BUTTON TYPE OUTDOOR STATION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.DIA.00037
(3-4)	M.U.DIA.00038
(5-6)	M.U.DIA.00039
(7-8)	M.U.DIA.00040
(9-10)	M.U.DIA.00041
(11-12)	M.U.DIA.00042
(13-14)	M.U.DIA.00043
(15-16)	M.U.DIA.00044
(17-18)	M.U.DIA.00045
(19-20)	M.U.DIA.00046
(21-22)	M.U.DIA.00047



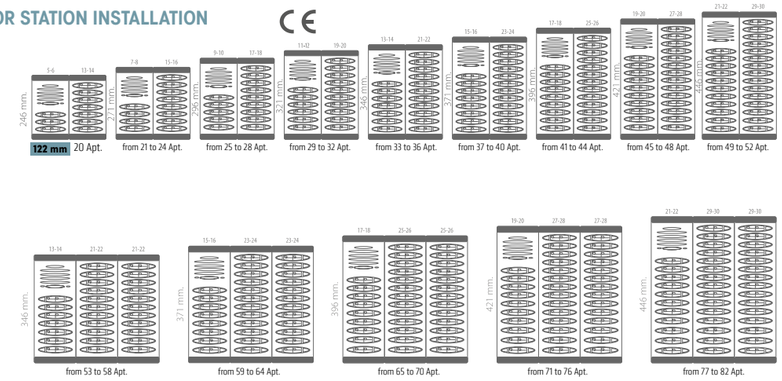
BUTTON TYPE OUTDOOR STATION EXTENSION (DUAL LINE)

BUTTON NO	PRODUCT CODE
(1-2)	M.U.ZPA.00001
(3-4)	M.U.ZPA.00002
(5-6)	M.U.ZPA.00003
(7-8)	M.U.ZPA.00004
(9-10)	M.U.ZPA.00005
(11-12)	M.U.ZPA.00006
(13-14)	M.U.ZPA.00007
(15-16)	M.U.ZPA.00008
(17-18)	M.U.ZPA.00009
(19-20)	M.U.ZPA.00010
(21-22)	M.U.ZPA.00011
(23-24)	M.U.ZPA.00012
(25-26)	M.U.ZPA.00013
(27-28)	M.U.ZPA.00014
(29-30)	M.U.ZPA.00015



BUTTON TYPE OUTDOOR STATION INSTALLATION TABLE (DUAL LINE)





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BUTTON TYPE OUTDOOR STATION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.DIA.00073
2	M.U.DIA.00074
3	M.U.DIA.00075
4	M.U.DIA.00076
5	M.U.DIA.00077
6	M.U.DIA.00078
7	M.U.DIA.00079
8	M.U.DIA.00080
9	M.U.DIA.00081
10	M.U.DIA.00082
11	M.U.DIA.00083
12	M.U.DIA.00084

ECONOMIC



BUTTON TYPE OUTDOOR STATION EXTENSION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.ZPA.00046
2	M.U.ZPA.00047
3	M.U.ZPA.00048
4	M.U.ZPA.00049
5	M.U.ZPA.00050
6	M.U.ZPA.00051
7	M.U.ZPA.00052
8	M.U.ZPA.00053
9	M.U.ZPA.00054
10	M.U.ZPA.00055
11	M.U.ZPA.00056
12	M.U.ZPA.00057
13	M.U.ZPA.00058
14	M.U.ZPA.00059
15	M.U.ZPA.00060

ECONOMIC



BUTTON TYPE OUTDOOR STATION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.DIA.00048
2	M.U.DIA.00049
3	M.U.DIA.00050
4	M.U.DIA.00051
5	M.U.DIA.00052
6	M.U.DIA.00053
7	M.U.DIA.00054
8	M.U.DIA.00055
9	M.U.DIA.00056
10	M.U.DIA.00057
11	M.U.DIA.00058
12	M.U.DIA.00059



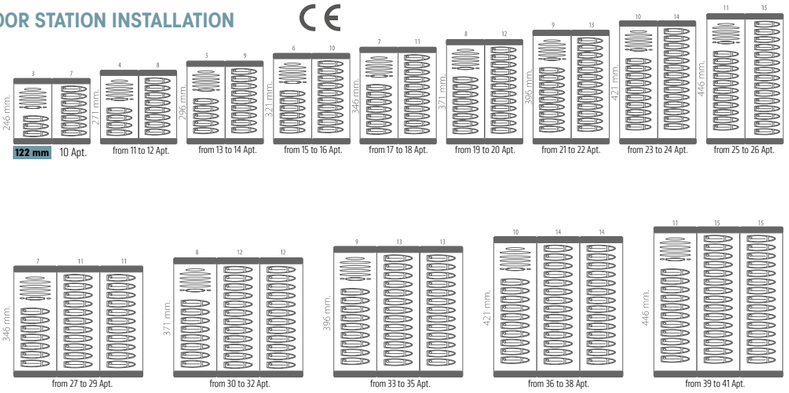
BUTTON TYPE OUTDOOR STATION EXTENSION (SINGLE LINE)

BUTTON NO	PRODUCT CODE
1	M.U.ZPA.00016
2	M.U.ZPA.00017
3	M.U.ZPA.00018
4	M.U.ZPA.00019
5	M.U.ZPA.00020
6	M.U.ZPA.00021
7	M.U.ZPA.00022
8	M.U.ZPA.00023
9	M.U.ZPA.00024
10	M.U.ZPA.00025
11	M.U.ZPA.00026
12	M.U.ZPA.00027
13	M.U.ZPA.00028
14	M.U.ZPA.00029
15	M.U.ZPA.00030



BUTTON TYPE OUTDOOR STATION INSTALLATION TABLE (SINGLE LINE)





ECO and CLOSE models are available.

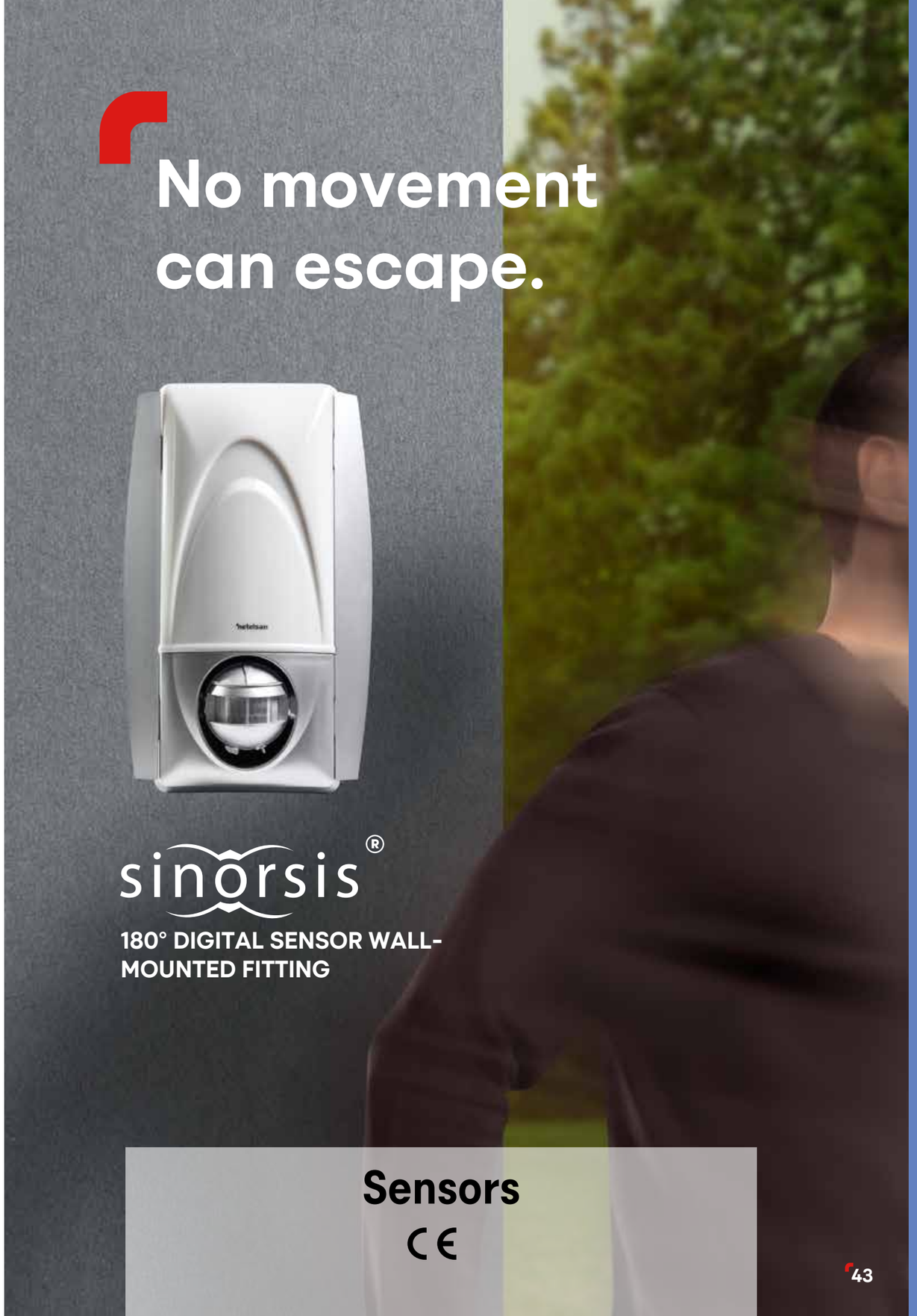
GENERAL ACCESSORIES



15V. 15W. AC BELL TRANSFORMER
PRODUCT CODE: M.U.TRF.00001



24V. 50W. AC BELL TRANSFORMER
PRODUCT CODE: M.U.TRF.00002



sinorsis 180°DIGITAL WALL TYPE LUMINAIRE WITH SENSOR



CLASSIC SOFT

1 x E27: S 20180
LED: S 20184
LED W/RECHARGEABLE BATTERY : S 20191

	Product Code	Qty Per Pkg.
1 x E27	M.U.SIN.00001	18 Pcs
LED	M.U.SIN.00005	18 Pcs
BATTERY	M.U.SIN.00012	18 Pcs



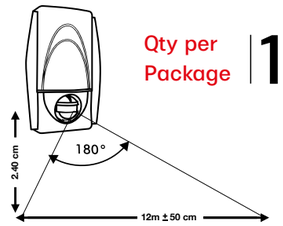
CHROME SOFT

1 x E27: S 20182
LED: S 20186
LED W/RECHARGEABLE BATTERY : S 20189

	Product Code	Qty Per Pkg.
1 x E27	M.U.SIN.00003	18 Pcs
LED	M.U.SIN.00007	18 Pcs
BATTERY	M.U.SIN.00010	18 Pcs

TECHNICAL DETAILS

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	180°
Installation Height	1.8 m - 2.4 m
Sensing Distance	12m ± 50 cm
Power Luminous Flux	E 27 : 1X60W LED :250 LUMEN
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP44



Qty per Package | 18

spotter 180°DIGITAL WALL TYPE MOTION SENSOR



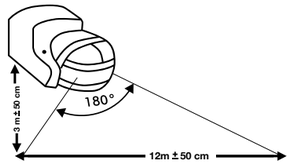
CLASSIC

S 20193

	Product Code	Qty Per Pkg.
CLASSIC	M.U.SPO.00001	20 Pcs

TECHNICAL DETAILS

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	180°
Installation Height	3m ± 30 cm
Sensing Distance	12m ± 50 cm
Power	400W (Max.) Fluorescent Lamps / 1000W (Max.) Filament Lamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP44



Qty per Package | 20

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Jumbo SPOT Flush Mount 360° DIGITAL CEILING TYPE FLUSH-MOUNT MOTION SENSOR



CLASSIC

S 20332

	Product Code	Qty Per Pkg.
CLASSIC	M.U.JSP.00001	20 Pcs

Jumbo SPOT Flush Mount ADJUSTABLE HEAD 360° DIGITAL CEILING TYPE FLUSH-MOUNT MOTION SENSOR





CLASSIC			CHROME		
S 20341			S 20342		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
ADJUSTABLE HEAD	M.U.JSP.00010	20 Pcs	ADJUSTABLE HEAD	M.U.JSP.00011	20 Pcs

TS-WIDTH 60669-2-1

Qty per Package | 20

Ekon 360° DIGITAL CEILING TYPE MOTION SENSOR



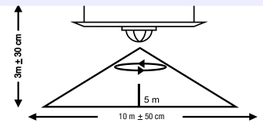
CLASSIC

S 20400

	Product Code	Qty Per Pkg.
CLASSIC	M.U.EKO.00001	36 Pcs

TECHNICAL DETAILS

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	400W (Max.) Fluorescent Lamps / 1000W (Max.) Filament Lamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



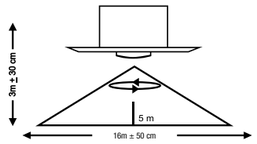
Qty per Package | 36

Jumbo SPOT Flush Mount — 360° DIGITAL CEILING TYPE FLUSH-MOUNT DUAL MOTION SENSOR

DUAL SENSOR



CLASSIC		
S 20335		
	Product Code	Qty Per Pkg.
CLASSIC	M.U.JSP.00004	20 Pcs



Qty per Package | 20

Jumbo SPOT Flush Mount — ADJUSTABLE HEAD 360° DIGITAL CEILING TYPE FLUSH-MOUNT DUAL MOTION SENSOR

DUAL SENSOR

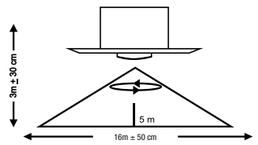


DUAL SENSOR



CLASSIC			CHROME		
S 20344			S 20345		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
ADJUSTABLE HEAD	M.U.JSP.00013	20 Pcs	ADJUSTABLE HEAD	M.U.JSP.00014	20 Pcs

Qty per Package | 20



TECHNICAL DETAILS

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	16m ± 50 cm
Power	400W (Max.) Fluorescent Lamps / 1000W (Max.) Filament Lamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20

RELAY CIRCUIT

Product Details
In the case of the lighting armature overloading the motion sensor circuitry that it is connected to due to its wattage requirement, this product is connected between the motion sensor and the lighting armature to supply wattage up to 2500 W.

Product Code: M.U.ROL.00001

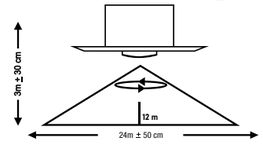


Jumbo SPOT Flush Mount — 360° DIGITAL CEILING TYPE FLUSH-MOUNT TRIO MOTION SENSOR

TRIO SENSOR



CLASSIC		
S 20335		
	Product Code	Qty Per Pkg.
CLASSIC	M.U.JSP.00007	20 Pcs



Qty per Package | 20

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	16m ± 50 cm
Power	400W (Max.) Fluorescent Lamps / 1000W (Max.) Filament Lamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20

Jumbo SPOT Flush Mount — ADJUSTABLE HEAD 360° DIGITAL CEILING TYPE FLUSH-MOUNT TRIO MOTION SENSOR

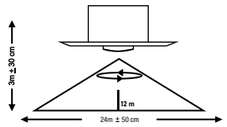
TRIO SENSOR



TRIO SENSOR



CLASSIC			CHROME		
S 20344			S 20345		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
ADJUSTABLE HEAD	M.U.JSP.00016	20 Pcs	ADJUSTABLE HEAD	M.U.JSP.00017	20 Pcs



Qty per Package | 20

Ekon — 360° DIGITAL CEILING TYPE TRIO MOTION SENSOR

TRIO SENSOR

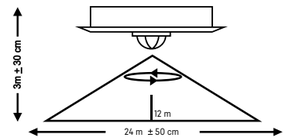


CLASSIC		
S 20400		
	Product Code	Qty Per Pkg.
TRIO SENSOR	M.U.EKO.00005	36 Ad.

TECHNICAL DETAILS

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2-2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	24m ± 50 cm
Power	400 W (Max.) Flourescent Lamps / 1000 W (Max.) Filament Lamps)
Time Setting	8 dk. ± 1 dk. Max / 8 sn. ± 2 sn. Min.
Operating Temperature	-20°C + 40°C
Protection Class	IP20

Qty per Package | 36



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HF RADAR SENSOR CE



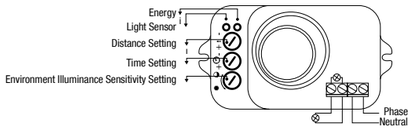
The product emits 5.8 GHz high frequency radio waves to the environment and senses the reflections. The deviations in reflections due to movements are sensed and if certain conditions are met, the microprocessor triggers the relay. Contrary to PIR sensors which only sense humans/warm bodies or in more general term, IR wave emitting objects; HF Radar sensor senses anything that moves.

TECHNICAL DETAILS

Electrical Connection	~ 220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	2.8 m
Sensing Distance	10 m ± 50 cm
HF Frequency	5.8 GHz
HF Power	< 2mW
Dimensions	100 x 49 x 48 mm
Detection Distance	2-10 meters
Time Setting	Max 8 min. ± 1 min. - Min. 8 sec. ± 2 sec.
Power Consumption	< 1W
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Lighting Load	1000W Incandescent Lamp 400W Fluorescent Lamps

Product Code: M.U.HFS.00001

GHOST		
	Product Code	Qty Per Pkg.
CLASSIC	M.U.HFS.00001	30 Pcs



Qty per Package | 30



Luminaires

Sees all, lightens all.

OBSERVER®



CE

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Luminaires

CE



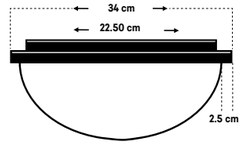
CLASSIC		
	Product Code	Qty Per Pkg.
1 x E27	M.U.OBR.00001	12 Pcs
2 x E27	M.U.OBR.00002	12 Pcs

CE



CHROME		
	Product Code	Qty Per Pkg.
1 x E27	M.U.OBR.00003	12 Pcs
2 x E27	M.U.OBR.00004	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 Max. 1x60 W Glowlamp 2 x E27 Max. 2x60 W Glowlamps
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Qty per Package | 12

Luminaires with Sensor

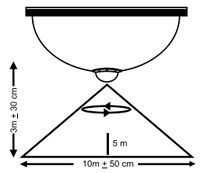
CE





CLASSIC			CHROME		
S 20200			S 20201		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.OBR.00011	12 Pcs	2 x E27	M.U.OBR.00012	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Luminaires with Sensor & Emergency Lighting

CE





CLASSIC			CHROME		
S 20202			S 20203		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.OBR.00013	12 Pcs	2 x E27	M.U.OBR.00014	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Battery Type	9 V – 250 mAh Ni-Cd
Emergency Lighting Duration	2 Hours

Qty per Package | 12

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LED Luminaires with Sensor




CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.OBR.00017	12 Pcs	550 Lumen	M.U.OBR.00020	12 Pcs

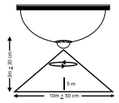
Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20

LED Luminaires with Sensor & Emergency Lighting




CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.OBR.00023	12 Pcs	550 Lumen	M.U.OBR.00026	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd



Qty per Package | 12

Luminaires with Sensor

OBSERVER PLAST




CLASSIC			CHROME		
S 20200			S 20201		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.OBP.00011	12 Pcs	2 x E27	M.U.OBP.00012	12 Pcs
550 Lumen	M.U.OBP.00017	12 Pcs	2 x E27	M.U.OBP.00010	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20

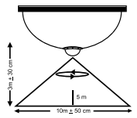
Luminaires with Sensor & Emergency Lighting

OBSERVER PLAST




CLASSIC			CHROME		
S 20202			S 20203		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.OBP.00013	12 Pcs	2 x E27	M.U.OBP.00014	12 Pcs
550 Lumen	M.U.OBP.00023	12 Pcs	2 x E27	M.U.OBP.00026	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Battery Type	9 V – 250 mAh Ni-Cd
Emergency Lighting Duration	2 Hours



Qty per Package | 12

Aesthetic dance of soft glasses.

OBSERVER



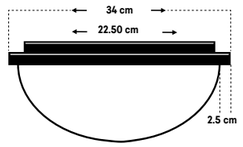
Luminaires





CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.OBR.10001	12 Pcs	1 x E27	M.U.OBR.10003	12 Pcs
2 x E27	M.U.OBR.10002	12 Pcs	2 x E27	M.U.OBR.10004	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 Max. 1x60 W Glowlamp 2 x E27 Max. 2x60 W Glowlamps
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Qty per Package | 12

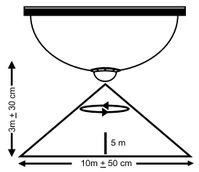
Luminaires with Sensor





CLASSIC			CHROME		
S 20200			S 20201		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.OBR.10011	12 Pcs	2 x E27	M.U.OBR.10012	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Luminaires with Sensor & Emergency Lighting





CLASSIC			CHROME		
S 20202			S 20203		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.OBR.10013	12 Pcs	2 x E27	M.U.OBR.10014	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Battery Type	9 V – 250 mAh Ni-Cd
Emergency Lighting Duration	2 Hours

Qty per Package | 12

LED Luminaires with Sensor





CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.OBR.10017	12 Pcs	550 Lumen	M.U.OBR.10020	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20

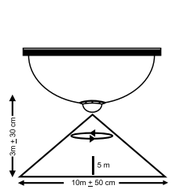
LED Luminaires with Sensor & Emergency Lighting





CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.OBR.10023	12 Pcs	550 Lumen	M.U.OBR.10026	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd



Qty per Package | 12



Technology that turns darkness into light

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a better way of secure life

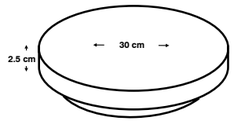
Luminaires





CLASSIC			CHROME		
1 x E27 : A 20152 2 x E27 : A 20153			1 x E27 : A 20154 2 x E27 : A 20155		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.CRS.00001	12 Pcs	1 x E27	M.U.CRS.00003	12 Pcs
2 x E27	M.U.CRS.00002	12 Pcs	2 x E27	M.U.CRS.00004	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 Max. 1x60 W Glowlamp 2 x E27 Max. 2x60 W Glowlamps
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Qty per Package | 12

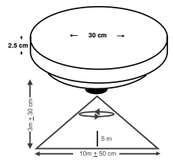
Luminaires with Sensor





CLASSIC			CHROME		
S 20404			S 20405		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.CRS.00026	12 Pcs	2 x E27	M.U.CRS.00027	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Luminaires with Sensor & Emergency Lighting





CLASSIC			CHROME		
S 20409			S 20410		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.CRS.00031	12 Pcs	2 x E27	M.U.CRS.00032	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Battery Type	9 V – 250 mAh Ni-Cd

Qty per Package | 12

LED Luminaires with Sensor



CLASSIC			CHROME		
300 Lumen : S 20414 400 Lumen : S 20415 550 Lumen : S 20416			300 Lumen : S 20417 400 Lumen : S 20418 550 Lumen : S 20419		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.CRS.00068	12 Pcs	550 Lumen	M.U.CRS.00071	12 Pcs

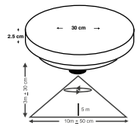
Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20

LED Luminaires with Sensor & Emergency Lighting



CLASSIC			CHROME		
300 Lumen : S 20444 400 Lumen : S 20445 550 Lumen : S 20446			300 Lumen : S 20447 400 Lumen : S 20448 550 Lumen : S 20449		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.CRS.00083	12 Pcs	550 Lumen	M.U.CRS.00086	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd



Qty per Package | 12

Radar Luminaires with Sensor



CLASSIC			CHROME		
S 20474			S 20475		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.CRS.00096	12 Pcs	1 x E27	M.U.CRS.00097	12 Pcs

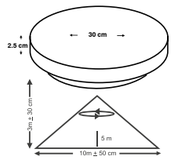
Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 1x60 W Glowlamp
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20

Radar Luminaires with Sensor & Emergency Lighting



CLASSIC			CHROME		
S 20479			S 20480		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.CRS.00101	12 Pcs	1 x E27	M.U.CRS.00102	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 1x60 W Glowlamp
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Battery Type	9 V – 250 mAh Ni-Cd



Qty per Package | 12

LED Radar Luminaires with Sensor



CLASSIC			CHROME		
300 Lumen : S 20414 400 Lumen: S 20415 550 Lumen: S 20416			300 Lumen : S 201417 400 Lumen: S 20418 550 Lumen: S 20419		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.CRS.00038	12 Pcs	550 Lumen	M.U.CRS.00041	12 Pcs

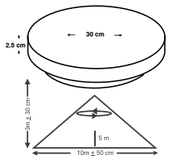
Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20

LED Radar Luminaires with Sensor & Emergency Lighting



CLASSIC			CHROME		
300 Lumen : S 20429 400 Lumen: S 20430 550 Lumen: S 20431			300 Lumen : S 20432 400 Lumen: S 20433 550 Lumen: S 20434		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.CRS.00053	12 Pcs	550 Lumen	M.U.CRS.00056	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd



Qty per Package | 12

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Luminaires

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CLASSIC			CHROME		
1 x E27 : A 20126 2 x E27 : A 20127			1 x E27 : A 20128 2 x E27 : A 20129		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.PRS.00001	12 Pcs	1 x E27	M.U.PRS.00003	12 Pcs
2 x E27	M.U.PRS.00002	12 Pcs	2 x E27	M.U.PRS.00004	12 Pcs

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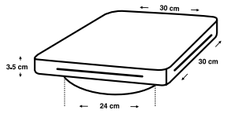
Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 Max. 1x60 W Glowlamp 2 x E27 Max. 2x60 W Glowlamps
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Qty per Package | 12

Luminaires with Sensor

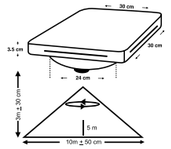
CE





CLASSIC			CHROME		
S 20232			S 20233		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.PRS.00026	12 Pcs	2 x E27	M.U.PRS.00027	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Luminaires with Sensor & Emergency Lighting

CE





CLASSIC			CHROME		
S 20237			S 20238		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.PRS.00031	12 Pcs	2 x E27	M.U.PRS.00032	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Battery Type	9 V – 250 mAh Ni-Cd

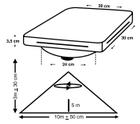
Qty per Package | 12

LED Luminaires with Sensor




CLASSIC			CHROME		
550 Lumen : S 20274			550 Lumen : S 20277		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.PRS.00068	12 Pcs	550 Lumen	M.U.PRS.00071	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



LED Luminaires with Sensor & Emergency Lighting




CLASSIC			CHROME		
550 Lumen : S 20289			550 Lumen : S 20292		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.PRS.00083	12 Pcs	550 Lumen	M.U.PRS.00086	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd

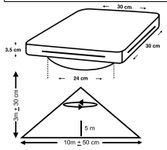
Qty per Package | 12

Radar Luminaires with Sensor




CLASSIC			CHROME		
S 20351			S 20352		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.PRS.00096	12 Pcs	1 x E27	M.U.PRS.00097	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 1x60 W Glowlamp
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20



Radar Luminaires with Sensor & Emergency Lighting




CLASSIC			CHROME		
S 20356			S 20357		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.PRS.00101	12 Pcs	1 x E27	M.U.PRS.00102	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 1x60 W Glowlamp
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd

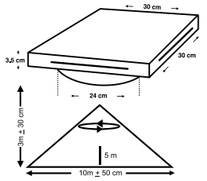
Qty per Package | 12

LED Radar Luminaires with Sensor




CLASSIC			CHROME		
550 Lumen: S 20244			550 Lumen: S 20247		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.PRS.00038	12 Pcs	550 Lumen	M.U.PRS.00041	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20



LED Radar Luminaires with Sensor & Emergency Lighting




CLASSIC			CHROME		
550 Lumen: S 20259			550 Lumen: S 20262		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.PRS.00053	12 Pcs	550 Lumen	M.U.PRS.00056	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd

Qty per Package | 12

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Xtra Diesel globe

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Luminaires

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CLASSIC

1 x E27 : A 20201
2 x E27 : A 20202

	Product Code	Qty Per Pkg.
1 x E27	M.U.EXR.00001	12 Pcs
2 x E27	M.U.EXR.00002	12 Pcs

TSE CE

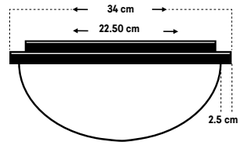


CHROME

1 x E27 : A 20203
2 x E27 : A 20204

	Product Code	Qty Per Pkg.
1 x E27	M.U.EXR.00003	12 Pcs
2 x E27	M.U.EXR.00004	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 Max. 1x60 W Glowlamp 2 x E27 Max. 2x60 W Glowlamps
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Qty per Package | 12

Luminaires with Sensor

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CLASSIC

S 20200

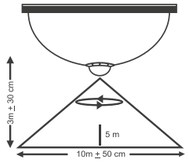
	Product Code	Qty Per Pkg.
2 x E27	M.U.EXR.00011	12 Pcs

CHROME

S 20201

	Product Code	Qty Per Pkg.
2 x E27	M.U.EXR.00012	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Luminaires with Sensor & Emergency Lighting

CE





CLASSIC

S 20202

	Product Code	Qty Per Pkg.
2 x E27	M.U.EXR.00013	12 Pcs

CHROME

S 20203

	Product Code	Qty Per Pkg.
2 x E27	M.U.EXR.00014	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Battery Type	9 V – 250 mAh Ni-Cd

Qty per Package | 12

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Xtra Diesel globe

LED Luminaires with Sensor




CLASSIC			CHROME		
550 Lumen : S 20206			550 Lumen : S 20209		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.EXR.00017	12 Pcs	550 Lumen	M.U.EXR.00020	12 Pcs

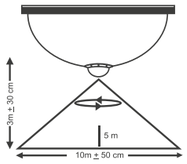
Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20

LED Luminaires with Sensor & Emergency Lighting




CLASSIC			CHROME		
550 Lumen : S 20212			550 Lumen : S 20215		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.EXR.00023	12 Pcs	550 Lumen	M.U.EXR.00026	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd



Qty per Package | 12

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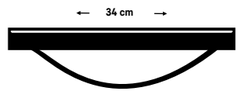
Luminaires



CLASSIC			CHROME		
1 x E27 : A 20300 2 x E27 : A 20301			1 x E27 : A 20302 2 x E27 : A 20303		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.JMB.00001	12 Pcs	1 x E27	M.U.JMB.00003	12 Pcs
2 x E27	M.U.JMB.00002	12 Pcs	2 x E27	M.U.JMB.00004	12 Pcs



Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 Max. 1x60 W Glowlamp 2 x E27 Max. 2x60 W Glowlamps
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Qty per Package | 12

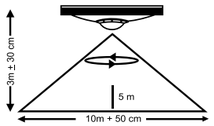
Luminaires with Sensor





CLASSIC			CHROME		
S 20300			S 20301		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.JMB.00011	12 Pcs	2 x E27	M.U.JMB.00012	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X40 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Luminaires with Sensor & Emergency Lighting





CLASSIC			CHROME		
S 20302			S 20303		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
2 x E27	M.U.JMB.00013	12 Pcs	2 x E27	M.U.JMB.00014	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X40 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Battery Type	9 V – 250 mAh Ni-Cd

Qty per Package | 12

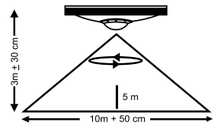
LED Luminaires with Sensor





CLASSIC			CHROME		
550 Lumen : S 20306			550 Lumen : S 20309		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.JMB.00017	12 Pcs	550 Lumen	M.U.JMB.00020	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



LED Luminaires with Sensor & Emergency Lighting





CLASSIC			CHROME		
550 Lumen : S 20312			550 Lumen : S 20315		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen	M.U.JMB.00023	12 Pcs	550 Lumen	M.U.JMB.00026	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd

Qty per Package | 12

Luminaires

Karre



Illuminates every nook and cranny.

CE

Karre

netelsan®
a better way of secure life

Luminaires

CE



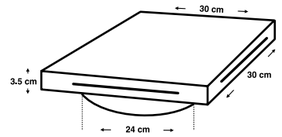
CLASSIC		
1 x E27 : A 20101 2 x E27 : A 20102		
	Product Code	Qty Per Pkg.
1 x E27	M.U.KRR.00001	12 Pcs
2 x E27	M.U.KRR.00002	12 Pcs

CE



CHROME		
1 x E27 : A 20103 2 x E27 : A 20104		
	Product Code	Qty Per Pkg.
1 x E27	M.U.KRR.00003	12 Pcs
2 x E27	M.U.KRR.00004	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 Max. 1x60 W Glowlamp 2 x E27 Max. 2x60 W Glowlamps
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Qty per Package | 12

Luminaires with Sensor

CE

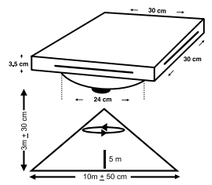




CLASSIC		
S 20100		
	Product Code	Qty Per Pkg.
2 x E27	M.U.KRR.00026	12 Pcs

CHROME		
S 20101		
	Product Code	Qty Per Pkg.
2 x E27	M.U.KRR.00027	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



Luminaires with Sensor & Emergency Lighting

CE





CLASSIC		
S 20105		
	Product Code	Qty Per Pkg.
2 x E27	M.U.KRR.00031	12 Pcs

CHROME		
S 20106		
	Product Code	Qty Per Pkg.
2 x E27	M.U.KRR.00032	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 2X25 W Glowlamps
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Battery Type	9 V – 250 mAh Ni-Cd

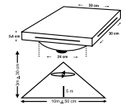
Qty per Package | 12

LED Luminaires with Sensor



CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen : S 20142			550 Lumen : S 20145		
550 Lumen	M.U.KRR.00068	12 Pcs	550 Lumen	M.U.KRR.00071	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20



LED Luminaires with Sensor & Emergency Lighting



CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen : S 20157			550 Lumen : S 20160		
550 Lumen	M.U.KRR.00083	12 Pcs	550 Lumen	M.U.KRR.00086	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd

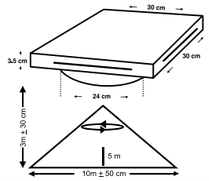
Qty per Package | 12

Radar Luminaires with Sensor



CLASSIC			CHROME		
S 20170			S 20171		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.KRR.00096	12 Pcs	1 x E27	M.U.KRR.00097	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 1x60 W Glowlamp
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20



Radar Luminaires with Sensor & Emergency Lighting



CLASSIC			CHROME		
S 20105			S 20106		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
1 x E27	M.U.KRR.00101	12 Pcs	1 x E27	M.U.KRR.00102	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Power	Max. 1x60 W Glowlamp
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Lighting Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd

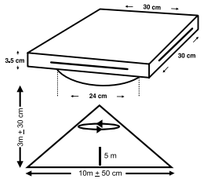
Qty per Package | 12

LED Radar Luminaires with Sensor



CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen : S 20112			550 Lumen : S 20115		
550 Lumen	M.U.KRR.00038	12 Pcs	550 Lumen	M.U.KRR.00041	12 Pcs

Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20



LED Radar Luminaires with Sensor & Emergency Lighting

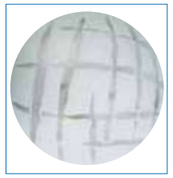


CLASSIC			CHROME		
	Product Code	Qty Per Pkg.		Product Code	Qty Per Pkg.
550 Lumen : S 20127			550 Lumen : S 20130		
550 Lumen	M.U.KRR.00053	12 Pcs	550 Lumen	M.U.KRR.00056	12 Pcs

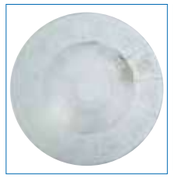
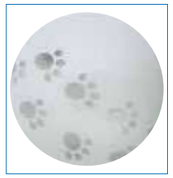
Electrical Connection	220 - 240 V 50 Hz
Environment Illuminance Sensitivity Setting	2 - 2000 Lux
Detection Method	HF
Detection Angle	360°
Installation Height	3m ± 30 cm
Sensing Distance	10m ± 50 cm
Luminous Flux	300 Lumen / 400 Lumen / 550 Lumen
Power	6 W / 9 W / 12 W
Color Temperature	6000 - 6500K (Cool White)
Time Setting	Max 8 min. ± 1 min. / Min 8 sec. ± 2 sec.
Operating Temperature	-20°C / +40°C
HF frequency	5.8 GHz
HF Power	< 2mW
Protection Class	IP20
Battery Charging Time	24 Hours
Emergency Lighting Duration	2 Hours
Emergency Luminous Flux	80 Lumen
Battery Type	9 V – 250 mAh Ni-Cd

Qty per Package | 12

Patterned Glass Range

Karre CERES FOROS	OBSERVER Xtra Diesel globe	jumboglobe	Karre CERES FOROS	OBSERVER Xtra Diesel globe	jumboglobe
					
For Luminaires Y.M.CAM.00101	For Luminaires Y.M.CAM.10301	For Luminaires Y.M.CAM.10201	For Luminaires Y.M.CAM.00108	For Luminaires Y.M.CAM.10308	For Luminaires Y.M.CAM.10208
For Luminaires with Sensor Y.M.CAM.60101	For Luminaires with Sensor Y.M.CAM.60301	For Luminaires with Sensor Y.M.CAM.60201	For Luminaires with Sensor Y.M.CAM.60108	For Luminaires with Sensor Y.M.CAM.60308	For Luminaires with Sensor Y.M.CAM.60208
					
For Luminaires Y.M.CAM.00102	For Luminaires Y.M.CAM.10302	For Luminaires Y.M.CAM.10202	For Luminaires Y.M.CAM.00109	For Luminaires Y.M.CAM.10309	For Luminaires Y.M.CAM.10209
For Luminaires with Sensor Y.M.CAM.60102	For Luminaires with Sensor Y.M.CAM.60302	For Luminaires with Sensor Y.M.CAM.60202	For Luminaires with Sensor Y.M.CAM.60109	For Luminaires with Sensor Y.M.CAM.60309	For Luminaires with Sensor Y.M.CAM.60209
					
For Luminaires Y.M.CAM.00103	For Luminaires Y.M.CAM.10303	For Luminaires Y.M.CAM.10203	For Luminaires Y.M.CAM.00110	For Luminaires Y.M.CAM.10310	For Luminaires Y.M.CAM.10210
For Luminaires with Sensor Y.M.CAM.60103	For Luminaires with Sensor Y.M.CAM.60303	For Luminaires with Sensor Y.M.CAM.60203	For Luminaires with Sensor Y.M.CAM.60110	For Luminaires with Sensor Y.M.CAM.60310	For Luminaires with Sensor Y.M.CAM.60210
					
For Luminaires Y.M.CAM.00104	For Luminaires Y.M.CAM.10304	For Luminaires Y.M.CAM.10204	For Luminaires Y.M.CAM.00111	For Luminaires Y.M.CAM.10311	For Luminaires Y.M.CAM.10211
For Luminaires with Sensor Y.M.CAM.60104	For Luminaires with Sensor Y.M.CAM.60304	For Luminaires with Sensor Y.M.CAM.60204	For Luminaires with Sensor Y.M.CAM.60111	For Luminaires with Sensor Y.M.CAM.60311	For Luminaires with Sensor Y.M.CAM.60211
					
For Luminaires Y.M.CAM.00105	For Luminaires Y.M.CAM.10305	For Luminaires Y.M.CAM.10205	For Luminaires Y.M.CAM.00112	For Luminaires Y.M.CAM.10312	For Luminaires Y.M.CAM.10212
For Luminaires with Sensor Y.M.CAM.60105	For Luminaires with Sensor Y.M.CAM.60305	For Luminaires with Sensor Y.M.CAM.60205	For Luminaires with Sensor Y.M.CAM.60112	For Luminaires with Sensor Y.M.CAM.60312	For Luminaires with Sensor Y.M.CAM.60212
					
For Luminaires Y.M.CAM.00106	For Luminaires Y.M.CAM.10306	For Luminaires Y.M.CAM.10206	For Luminaires Y.M.CAM.00113	For Luminaires Y.M.CAM.10313	For Luminaires Y.M.CAM.10213
For Luminaires with Sensor Y.M.CAM.60106	For Luminaires with Sensor Y.M.CAM.60306	For Luminaires with Sensor Y.M.CAM.60206	For Luminaires with Sensor Y.M.CAM.60113	For Luminaires with Sensor Y.M.CAM.60313	For Luminaires with Sensor Y.M.CAM.60213
					
For Luminaires Y.M.CAM.00107	For Luminaires Y.M.CAM.10307	For Luminaires Y.M.CAM.10207	For Luminaires Y.M.CAM.00114	For Luminaires Y.M.CAM.10314	For Luminaires Y.M.CAM.10214
For Luminaires with Sensor Y.M.CAM.60107	For Luminaires with Sensor Y.M.CAM.60307	For Luminaires with Sensor Y.M.CAM.60207	For Luminaires with Sensor Y.M.CAM.60114	For Luminaires with Sensor Y.M.CAM.60314	For Luminaires with Sensor Y.M.CAM.60214

Patterned Glass Range

Karre CERES FOROS	OBSERVER Xtra Diesel globe	jumboglobe	Karre CERES FOROS	OBSERVER Xtra Diesel globe	jumboglobe
					
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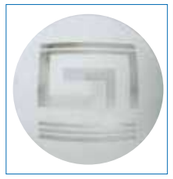
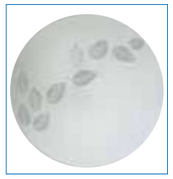
For Luminaires with Sensor Y.M.CAM.60115	For Luminaires with Sensor Y.M.CAM.60315	For Luminaires with Sensor Y.M.CAM.60215	For Luminaires with Sensor Y.M.CAM.60122	For Luminaires with Sensor Y.M.CAM.60322	For Luminaires with Sensor Y.M.CAM.60222
					
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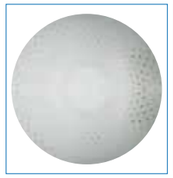
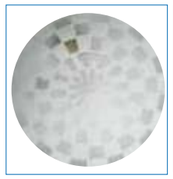
For Luminaires with Sensor Y.M.CAM.60116	For Luminaires with Sensor Y.M.CAM.60316	For Luminaires with Sensor Y.M.CAM.60216	For Luminaires with Sensor Y.M.CAM.60123	For Luminaires with Sensor Y.M.CAM.60323	For Luminaires with Sensor Y.M.CAM.60223
					
For Luminaires Y.M.CAM.00117	For Luminaires Y.M.CAM.10317	For Luminaires Y.M.CAM.10217	For Luminaires Y.M.CAM.00124	For Luminaires Y.M.CAM.10324	For Luminaires Y.M.CAM.10224
For Luminaires with Sensor Y.M.CAM.60117	For Luminaires with Sensor Y.M.CAM.60317	For Luminaires with Sensor Y.M.CAM.60217	For Luminaires with Sensor Y.M.CAM.60124	For Luminaires with Sensor Y.M.CAM.60324	For Luminaires with Sensor Y.M.CAM.60224
					
For Luminaires Y.M.CAM.00118	For Luminaires Y.M.CAM.10318	For Luminaires Y.M.CAM.10218	For Luminaires Y.M.CAM.00125	For Luminaires Y.M.CAM.10325	For Luminaires Y.M.CAM.10225
For Luminaires with Sensor Y.M.CAM.60118	For Luminaires with Sensor Y.M.CAM.60318	For Luminaires with Sensor Y.M.CAM.60218	For Luminaires with Sensor Y.M.CAM.60125	For Luminaires with Sensor Y.M.CAM.60325	For Luminaires with Sensor Y.M.CAM.60225
					
For Luminaires Y.M.CAM.00119	For Luminaires Y.M.CAM.10319	For Luminaires Y.M.CAM.10219	For Luminaires Y.M.CAM.00126	For Luminaires Y.M.CAM.10326	For Luminaires Y.M.CAM.10226
For Luminaires with Sensor Y.M.CAM.60119	For Luminaires with Sensor Y.M.CAM.60319	For Luminaires with Sensor Y.M.CAM.60219	For Luminaires with Sensor Y.M.CAM.60126	For Luminaires with Sensor Y.M.CAM.60326	For Luminaires with Sensor Y.M.CAM.60226
					
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For Luminaires with Sensor Y.M.CAM.60120	For Luminaires with Sensor Y.M.CAM.60320	For Luminaires with Sensor Y.M.CAM.60220	For Luminaires with Sensor Y.M.CAM.60127	For Luminaires with Sensor Y.M.CAM.60327	For Luminaires with Sensor Y.M.CAM.60227
					
For Luminaires Y.M.CAM.00121	For Luminaires Y.M.CAM.10321	For Luminaires Y.M.CAM.10221			
For Luminaires with Sensor Y.M.CAM.60121	For Luminaires with Sensor Y.M.CAM.60321	For Luminaires with Sensor Y.M.CAM.60221			

Transparent Glass

Luminaires

Let your walls shine



Wall Sconces

CE

netelsan®
a better way of secure life

DARGA Wall Sconce

CE



1 x E27

PRODUCT CODE: M.U.YAP.00029

Qty per Package | 12

Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27 socket for Max. 1 x 40 W Halogen, LED and Energy-saving sparkplug bulbs
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Length	25 cm
Width	10 cm
Height	10 cm

EFRAZ Wall Sconce

CE



1 x E27

PRODUCT CODE: M.U.YAP.00031

2 x E27

PRODUCT CODE: M.U.YAP.00032

Qty per Package | 12

Electrical Connection	220 - 240 V 50 Hz
Power	1 x E27- 2 x E27 socket(s) for Max. 1 x 40 W - 2 x 40 W Halogen, LED and Energy-saving sparkplug bulbs
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Length	40 cm
Width	9 cm
Height	7 cm

netelsan®
a better way of secure life

Wall Sconces

1 x E27

CE

PRODUCT CODE: M.U.YAP.00001



Qty per Package | 20

Wall Sconce Patterned Glass Types



For Wall Sconces	Y.M.CAM.00550



For Wall Sconces	Y.M.CAM.00551



For Wall Sconces	Y.M.CAM.00552



For Wall Sconces	Y.M.CAM.00553



For Wall Sconces	Y.M.CAM.00554



For Wall Sconces	Y.M.CAM.00555



For Wall Sconces	Y.M.CAM.00556



For Wall Sconces	Y.M.CAM.00557



For Wall Sconces	Y.M.CAM.00558



For Wall Sconces	Y.M.CAM.00559



For Wall Sconces	Y.M.CAM.00560

Kurga Strip Luminaires

CE

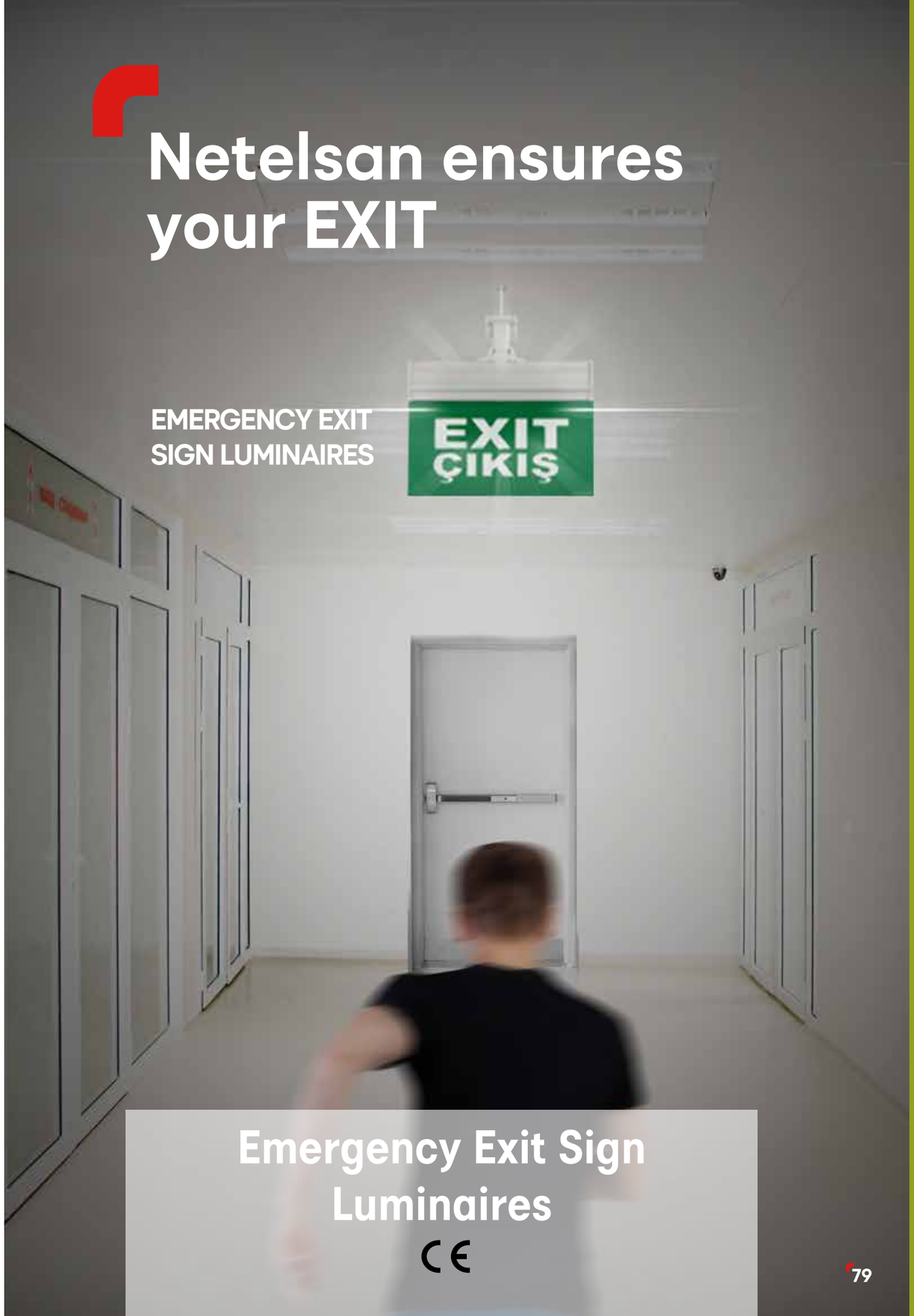


Teknik Bilgiler

LED component specifications	36 pcs 50x50 SMD with 3 chips
Power consumption 9W	9W
Light flux 400 lumen	400 Lumen
Color Temperature	6500K (cold white).4000K (natural white)
OPERATING VOLTAGE	95V-265V
OPERATING TEMPERATURE	0°C / + 65°C
Protection class IP20	IP20
Lifespan	> 50000 hours

Qty per Package | 12

PRODUCT CODE: M.U.TZG.00003



BLAZE EMERGENCY EXIT SIGN

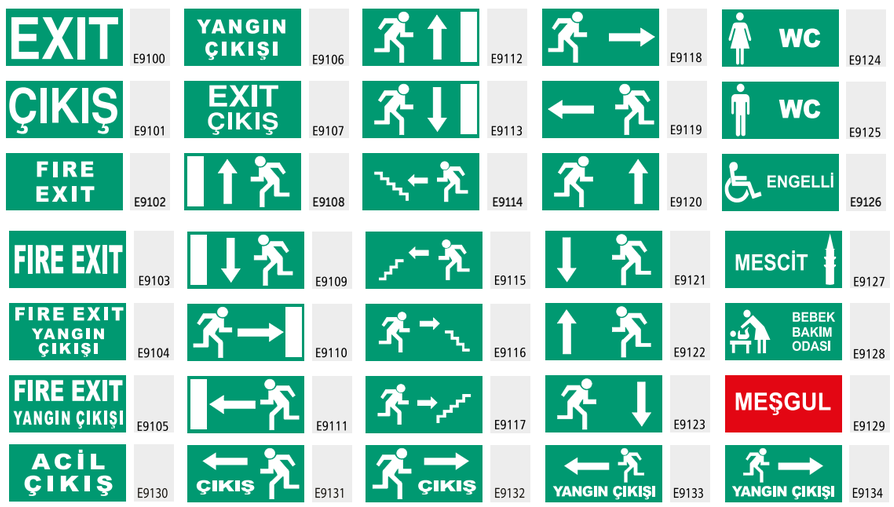


Double Sided



TS-WIDTH 8710 - 60598-2-22

Qty per Package | 18



TECHNICAL DETAILS

Model	BLAZE
Type	E9100, E9101, E9102....E9200
Electrical Connection	180-230 VAC / 50 - 60 Hz
Power	1,5 W
Class	2
Lighting Element	8 pcs white straw hat LEDs
Lighting Period during Emergency	Max. 7-10 hours
Battery Charging Time	10 hours
Illuminance	30 Lux (Lumen / m2)
Operating Temperature	-20°C + 50°C
Protection Class	IP20
Case	Aluminium (Anodic Oxidation Coating)
Material Type	Anti-Shock, Screen Printing
Dimensions	305x285x40mm
Weight	585 gr

NOTE : With orders of 100 units or more, custom signs can be manufactured.

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ESCAPE EMERGENCY EXIT SIGN

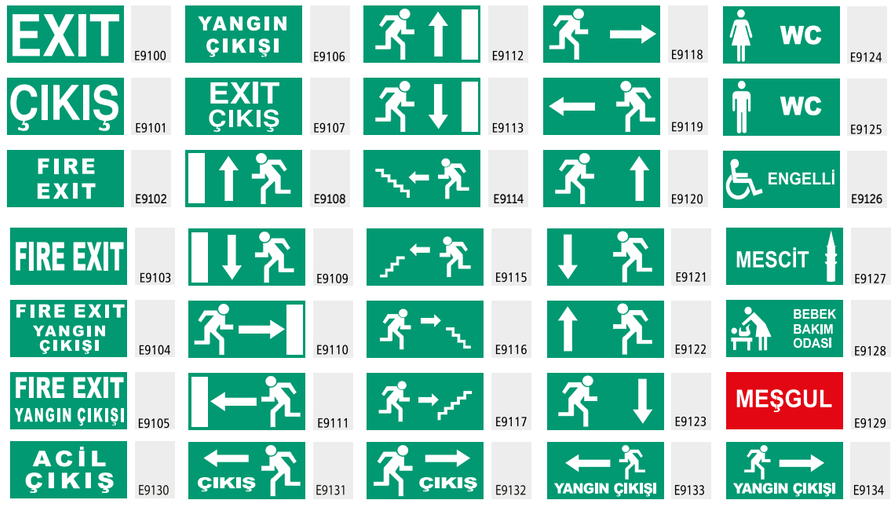


Single Sided

Double Sided



Qty per Package | 30



TECHNICAL DETAILS

Model	ESCAPE
Type	E9100, E9101, E9102....E9200
Electrical Connection	180-230 VAC / 50 - 60 Hz
Power	1,5 W
Class	2
Lighting Element	8 pcs White straw hat LEDs
Lighting Period during Emergency	Max. 7-10 hours
Battery Charging Time	10 hours
Illuminance	30 Lux (Lumen / m^2)
Operating Temperature	-20°C / +50°C
Protection Class	IP20
Case	Aluminium (Anodic Oxidation Coating)
Material Type	5mm transparent polycarbonate, router cutting
Dimensions	259 x 189 x 40 mm
Weight	500 gr

NOTE : With orders of 100 units or more, custom signs can be manufactured.

ESCAPE & BLAZE EMERGENCY EXIT SIGN LUMINAIRES FLUSH MOUNTED TYPE SUSPENDED CEILING DEVICES

CE

ESCAPE FLUSH MOUNTED DEVICE

PRODUCT CODE: M.U.EXT.00145



BLAZE FLUSH MOUNTED DEVICE

PRODUCT CODE: M.U.EXT.00199

Qty per Package | 1

MITHRA EMERGENCY LIGHTING LUMINAIRES

TSE CE

The most aesthetic, high-quality and durable emergency luminaire produced in Turkey



- 45 LED Product Option
- Long Battery Life
- Long-Time Lighting
- Carrying handle and retractable leg provide ease of use outdoors
- High light intensity
- Ergonomic and elegant design
- Easy installation to the wall and the ceiling
- Power and Charging LEDs

45 LEDli
PRODUCT CODE: M.U.ACA.00003

Qty per Package | 24

TECHNICAL DETAILS

Dimensions	130 x 370 x 47.5 mm
Power	6 W
Class	2
Operating Voltage	~ 220 - 240 V 50 Hz
Battery Type	3 units 1.2V AA Ni-Mh rechargeable battery
Battery Life	3 hours
Charging Time	12 hours
LED	M.U.ACA.00001 22x1200 mcd M.U.ACA.00002 33x1200 mcd M.U.ACA.00003 45x1200 mcd
Operating Temperature	-20°C / +40°C
Protection Class	IP20
Luminous Flux	45 LED Product Option

EMERGENCY LIGHTING STICKER



PRODUCT CODE: M.U.ACA.00008

We did not invent the fire but we have the technology to control it.



ADDRESSABLE
Fire Detection and Security Systems

EN54 CE TSE

ADDRESSABLE FIRE ALARM CONTROL PANEL

TECHNICAL DETAILS

Supply voltage	230V AC 50 Hz
Operating voltage	27 V DC
Battery	2 units 12V DC 7 Ah
Battery charging current	0.5A
SMPS power supply output	4.5 A
Siren outputs	2 units 27V DC 100 W 0,5 A capacity, glass fuse protected
Error relay output	NC/NO DRY CONTACT 1A 120VAC/2A 24VDC
Fire alarm relay output	DRY CONTACT 1A 120VAC/2A 24VDC
System fuse	5A glass fuse
Number of loops	From 1 to 8
Number of loop devices	Max. 128 devices
Number of devices	Max. 1024 devices
Number of addressable sirens	Max. 10 units/loop
Number of conventional siren outputs	2
Number of conventional siren	Max. 20 siren for each output
End of line resistor	47K 1/4W for siren line
Number of zones	32
Fire and error event memory capacity	1000 events per device
Number of network devices	Max. 16 control panels or repeaters
Dimensions	40x47x13 cm
Operating temperature	-10°C / +55°C
Humidity	Up to % 95
Type of mounting	Surface Type
Cable entry	Top
Length of loop cable	Max. 1500m or 50 Ω



Qty per Package | 1

- Membrane panel
- Expandable structure up to 8 loops
- Simple installation and usage
- Deactivation of the loop during fire alarm
- Alarm and error relay outputs
- Deactivatable devices, loops, outputs and zones
- Ability to set delay to devices, loops and zones
- Can be connected to conventional sirens
- Fire and error memory
- 4x20 LCD display
- Alarm, error and zone LEDs
- Query buttons for fire and error events
- Addressing devices through the control panel
- Detection of location via PC connection or via control panel
- Can establish a network with control panels and repeater panels
- Produced with surface mounting technology

1 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00015

Battery Included

2 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00016

Battery Included

3 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00017

Battery Included

4 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00018

Battery Included

5 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00019

Battery Included

6 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00020

Battery Included

7 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00021

Battery Included

8 LOOP ADDRESSABLE FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00022

Battery Included

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ADDRESSABLE OPTICAL SMOKE DETECTOR

TECHNICAL DETAILS



Operating Voltage	24v-34v DC
Operating Current	<250µa
Detection Area	50 m² For Ceiling Height Up To 4 Meters
Connection Type	3 Cables (For Isolator Model) 2 Cables (For Standard Model)
Operating Temperature	-10°C / +55°C
Material	Fireproof Plastic
Dimensions	122 Mm Diameter , 52 mm Height
Color	White

- Processor Design
- Surface Mounting Technology
- 360 Degree Visible Dual Led
- Led Indicator To Display "Detector Is On"
- Advanced Smoke Detection By Specially Designed Smoke Cell And Processor
- Output For Connecting To Remote Led Indicator
- Addressable
- Loop-Powered

Qty per Package | 36

ADDRESSABLE DETECTORS

ADDRESSABLE OPTICAL SMOKE DETECTOR

STANDARDS
EN54-7: 2000
EN54-7: 2000/A1: 2002
EN54-7: 2000/A2: 2006

PRODUCT CODE: M.U.YAN.00023

ADDRESSABLE FIXED TEMPERATURE DETECTOR

STANDARDS
EN54-5: 2000
EN54-5: 2000/A1: 2002

Alarm Rate of Rise : According to EN54-5 Standard
Alarm Temperature : 65°C

PRODUCT CODE: M.U.YAN.00031

ADDRESSABLE MULTI DETECTOR

(SMOKE + FIXED TEMPERATURE + RATE OF RISE)

STANDARDS
EN54-5: 2000, EN54-5: 2000/A1: 2002,
EN54-7: 2000, EN54-7: 2000/A1: 2002
EN54-7: 2000/A2: 2006

Alarm Rate of Rise : According to EN54-5 Standard
Alarm Temperature : 65°C
PRODUCT CODE: M.U.YAN.00024

ADDRESSABLE NATURAL GAS DETECTOR

Alarm Threshold Value : 5 % - 15 % LEL
Sensor Warm-up Time : 1 min.

PRODUCT CODE: M.U.YAN.00040

ADDRESSABLE LPG DETECTOR

Alarm Threshold Value : 5 % - 15 % LEL
Sensor Warm-up Time : 1 min.

PRODUCT CODE: M.U.YAN.00096

ADDRESSABLE DETECTORS WITH ISOLATOR

ADDRESSABLE OPTICAL SMOKE DETECTOR WITH ISOLATOR

PRODUCT CODE: M.U.YAN.00035

ADDRESSABLE FIXED TEMPERATURE & RATE OF RISE HEAT DETECTOR WITH ISOLATOR

PRODUCT CODE: M.U.YAN.00038

ADDRESSABLE MULTI DETECTOR WITH ISOLATOR

PRODUCT CODE: M.U.YAN.00039

ADDRESSABLE SOCKET BASE



Qty per Package | 1

PRODUCT CODE: MU.YAN.00079

Fire Detection and Security Systems

ADDRESSABLE MANUAL CALL POINT

STANDARDS
EN54-11: 2001/A1: 2005

PRODUCT CODE: M.U.YAN.00026

TECHNICAL DETAILS

Operating Voltage	24V-34V DC
Operating Current	<250µa
Operating Temperature	-10°C/+55°C
Material	Fireproof Plastic
Dimensions	10x10x4.5 cm
Color	Red

ADDRESSABLE MANUAL CALL POINT WITH ISOLATOR

PRODUCT CODE: M.U.YAN.00042



- Processor Design
- Surface Mounting Technology
- Reset Feature
- Addressable
- Loop-Powered
- Mechanical Trigger
- Optional Integrated Isolator

Qty per Package | 50

ADDRESSABLE FIRE ALARM SIREN

STANDARDS
EN54-3: 2001
EN54-3: 2001/A1: 2002
EN54-3: 2001/A2: 2006

PRODUCT CODE: M.U.YAN.00027

ADDRESSABLE FIRE ALARM SIREN WITH ISOLATOR

PRODUCT CODE: M.U.YAN.00043



ADDRESSABLE FIRE ALARM SIREN WITH STROBE

PRODUCT CODE: M.U.YAN.00028

TECHNICAL DETAILS

Operating Voltage	24v-34v DC
Quiesicent Current	<250µa
Alarm Current	<25ma
Sound Output	100 Db At 1 Meter
Operating Temperature	-10°C/+55°C
Material	Fireproof Plastic
Dimensions	11x7x5 cm
Color	Red

ADDRESSABLE FIRE ALARM SIREN WITH STROBE WITH ISOLATOR

PRODUCT CODE: M.U.YAN.00044



- Processor Design
- Surface Mounting Technology
- Addressing By Addressable Device
- Loop-Powered
- * *Optional Integrated Isolator.*
- * *Optional Led Alarm Flasher.*

Qty per Package | 50

BATTERY

TECHNICAL DETAILS

Battery Voltage	12V
Battery Capacity	7Ah
Dimensions	Length 151 mm X Width 65 mm X Height 99 mm
Weight	1,97 kg
Liftetime	2 years



PRODUCT CODE: H.E.AKU.00005

SHORT CIRCUIT ISOLATOR



- Surface Mounting
- Technology
- Red Short Circuit Warning Led Protects Loop Line From Possible Short Circuit Events
- 1 Unit For Every 20 Addressable

PRODUCT CODE: M.U.YAN.00032

TECHNICAL DETAILS

Operating Voltage	24V-34V DC
Quiescent Current	<250µa
Short Circuit Current	<3ma
Operating Temperature	-10°C/+55°C
Dimensions	8x8x4 cm

Qty per Package | 50

REMOTE LED INDICATOR



- Surface Mounting
- Technology
- Used As The Remote Led Indicator Of The Hard To See Detectors Due To Raised Ceiling Layers Or Suspended Ceiling

PRODUCT CODE: M.U.YAN.00033

TECHNICAL DETAILS

Operating Voltage	24V-34V DC
Operating Voltage	<5ma
Operating Temperature	-10°C/+55°C
Dimensions	8x8x4 cm

Qty per Package | 50

ADDRESS PROGRAMMER



- Surface Mounting Technology
- Used For Addressing Addressable Fire Alarm Devices
- Can Be Powered By Battery Or Adaptor
- Automatic Power-Off Feature For Power-Saving
- 2x16 Lcd Screen

PRODUCT CODE: M.U.YAN.00045

TECHNICAL DETAILS

Input Voltage	9V - 12V DC
Battery	9V
External Feeding	12V DC
Operating Voltage	<50ma
Operating Temperature	-10°C/+55°C
Dimensions	190x150x32 mm

Qty per Package | 1

RELAY MODULE AND CONTACT MONITORING MODULE



- Surface Mounting Technology
- Loop Line-Powered
- No Voltage Normally Open Or Close (No Or Nc) Contacts
- Can Program An Event By Computer Software
- Ability To Designate Different Addresses For Each
- Input And Output
- Short Circuit, Loop Communication, Event Leds Beneath The Side Flaps
- Optional Built-In Short Circuit Isolator

TECHNICAL DETAILS

Operating Voltage	24V-34V DC
Operating Voltage	<250µa
Relay Output	NO/NC Dry Contact (30V DC 2A)
Contact Types	NO OR NC Optional
Operating Temperature	-10°C/+55°C
Dimensions	175x106x76 mm

Qty per Package | 24

RELAY MODULES

ADDRESSABLE 1-CH OUTPUT RELAY MODULE
PRODUCT CODE: M.U.YAN.00048

ADDRESSABLE 2-CH OUTPUT RELAY MODULE
PRODUCT CODE: M.U.YAN.00050

ADDRESSABLE 4-CH OUTPUT RELAY MODULE
PRODUCT CODE: M.U.YAN.00052

RELAY MODULES WITH ISOLATOR

ADDRESSABLE 1-CH OUTPUT RELAY MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00049

ADDRESSABLE 2-CH OUTPUT RELAY MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00051

ADDRESSABLE 4-CH OUTPUT RELAY MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00053

CONTACT MONITORING MODULE

ADDRESSABLE 1-CH INPUT CONTACT MONITORING MODULE
PRODUCT CODE: M.U.YAN.00054

ADDRESSABLE 2-CH INPUT CONTACT MONITORING MODULE
PRODUCT CODE: M.U.YAN.00056

ADDRESSABLE 4-CH INPUT CONTACT MONITORING MODULE
PRODUCT CODE: M.U.YAN.00058

CONTACT MONITORING MODULE WITH ISOLATOR

ADDRESSABLE 1-CH INPUT CONTACT MONITORING MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00055

ADDRESSABLE 2-CH INPUT CONTACT MONITORING MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00057

ADDRESSABLE 4-CH INPUT CONTACT MONITORING MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00059

RELAY MODULE AND CONTACT MONITORING MODULE

ADDRESSABLE 1-CH OUTPUT RELAY MODULE & 1-CH INPUT CONTACT MONITORING MODULE
PRODUCT CODE: M.U.YAN.00060

ADDRESSABLE 2-CH OUTPUT RELAY MODULE & 2-CH INPUT CONTACT MONITORING MODULE
PRODUCT CODE: M.U.YAN.00062

ADDRESSABLE 4-CH OUTPUT RELAY MODULE & 4-CH INPUT CONTACT MONITORING MODULE
PRODUCT CODE: M.U.YAN.00064

RELAY MODULE AND CONTACT MONITORING MODULE WITH ISOLATOR

ADDRESSABLE 1-CH OUTPUT RELAY MODULE & 1-CH INPUT CONTACT MONITORING MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00061

ADDRESSABLE 2-CH OUTPUT RELAY MODULE & 2-CH INPUT CONTACT MONITORING MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00063

ADDRESSABLE 4-CH OUTPUT RELAY MODULE & 4-CH INPUT CONTACT MONITORING MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00065

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ADDRESSABLE LOOP MONITORING AND SIREN CONTROL MODULE

Qty per Package | 24



TECHNICAL DETAILS

Operating Voltage	24V DC
Siren Output	500 mA Fused
Number Of Outputs	2
Siren Capacıty	10 Units Per One Output
Number Of Inputs	2
Loop Inputs	16 Conventional Detectors And Unlimited Buttons Per Input
Operating Temperature	-10°C/+55°C
Dimensions	175x106x76 mm

- Surface Mounting Technology
- Externally Powered
- Connects Conventional System Devices To Addressable System
- Ability To Connect Conventional Detectors And Buttons To Module Inputs
- Conventional Siren Outputs
- Can Program An Event By Computer
- Software
- Ability To Designate Different Addresses For Each Input And Output
- Optional Built-In Short Circuit Isolator
- Led Indicators For Alarm And Error

SIREN CONTROL MODULES

ADDRESSABLE 1-CH OUTPUT SIREN CONTROL MODULE
PRODUCT CODE: M.U.YAN.00066

ADDRESSABLE 2-CH OUTPUT SIREN CONTROL MODULE
PRODUCT CODE: M.U.YAN.00068

SIREN CONTROL MODULES WITH

ADDRESSABLE 1-CH OUTPUT SIREN CONTROL MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00067

ADDRESSABLE 2-CH OUTPUT SIREN CONTROL MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00069

CONVENTIONAL SYSTEM INPUT MODULES

ADDRESSABLE 1-CH CONVENTIONAL SYSTEM INPUT MODULE
PRODUCT CODE: M.U.YAN.00070

ADDRESSABLE 2-CH CONVENTIONAL SYSTEM INPUT MODULE
PRODUCT CODE: M.U.YAN.00072

CONVENTIONAL SYSTEM INPUT MODULES WITH ISOLATOR

ADDRESSABLE 1-CH CONVENTIONAL SYSTEM INPUT MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00071

ADDRESSABLE 1-CH CONVENTIONAL SYSTEM INPUT WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00073

SIREN CONTROL - CONVENTIONAL SYSTEM INPUT MODULES

ADDRESSABLE 1-CH OUTPUT SIREN CONTROL & 1 CONVENTIONAL SYSTEM INPUT MODULE
PRODUCT CODE: M.U.YAN.00074

ADDRESSABLE 2-CH OUTPUT SIREN CONTROL & 2-CH CONVENTIONAL SYSTEM INPUT MODULE
PRODUCT CODE: M.U.YAN.00076

SIREN CONTROL - CONVENTIONAL SYSTEM INPUT MODULES WITH ISOLATOR

ADDRESSABLE 1-CH OUTPUT SIREN CONTROL & 1-CH CONVENTIONAL SYSTEM INPUT MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00075

ADDRESSABLE 2-CH OUTPUT SIREN CONTROL & 2-CH CONVENTIONAL SYSTEM INPUT MODULE WITH ISOLATOR
PRODUCT CODE: M.U.YAN.00077

Fire Detection and Security Systems

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BATTERY SUPPORTED 24V POWER SUPPLY

PRODUCT CODE: M.U.YAN.00046

- Surface Mounting Technology
- Can Be Addressable With A Cable Section Of 1x2x1.5+1.5 J-Y (ST) With A Max. Of 12 Pieces Of 100 Meters And A Max. Of 18 Pieces Of 50 Meters And Provides Power To The Conventional Gas Detector
- Smps And Battery Included
- Relay Output For Error Events
- Led Indicators For Error Or On/Off



TECHNICAL DETAILS

Mains Input Voltage	230 V Ac 50 Hz
Battery	2 Unit 12v 7Ah
Output Voltage	24 V DC
Output Current	2.5 A
Output Relay	24vdc 2a Dry Contact
Operating Temperature	-10°C/+55°C
Dimensions	31.5x32.5x11.5 cm

Qty per Package | 1

ADDRESSABLE REPEATER PANEL

PRODUCT CODE: M.U.YAN.00047

- Surface Mounting Technology
- Ability To Monitor All Warnings Remotely
- Remote Control Feature Of Up To 16 Addressable Control Panels
- 4 X 20 Character LCD Display
- Led Indicators For Alarm And Fire Events
- Smps And Battery Included



TECHNICAL DETAILS

Mains Input Voltage	230v Ac 50 Hz
Power Consumption	<10w
Battery	12v 4.5Ah
Operating Temperature	-10°C/+55°C
Dimensions	31.5x32.5x11.5 cm

Qty per Package | 1

Instant detection of smoke



DETECTO

OPTICAL SMOKE DETECTOR

Conventional Fire Detection and Safety System

Fire Detection and Security Systems

CONVENTIONAL FIRE ALARM CONTROL PANEL

TECHNICAL DETAILS

Supply voltage	230V AC 50 Hz
Operating voltage	25.7 V DC
Battery	2 units 12V DC 4Ah
Battery charging current	Max. 0.5A
Battery fuse	0.5A
SMPS power supply output	2.5A
Siren outputs	2 units 24V 0.5A capacity, glass fuse protection
Auxiliary 24V output	24V 0.5A capacity, glass fuse protection
Fire alarm relay output	1A 120VAC / 2A 24VDC
Error alarm relay output	1A 120VAC / 2A 24VDC
System fuse	4A glass fuse
Heat detector capacity per zone	16
Smoke detector capacity per zone	16
Manual call point capacity per zone	Unlimited
End of line resistance	For conventional zone : 4K7 1/4W, for siren line 4K7 1/4W
Number of zones	4-8-16 zones
Dimensions	31.5 x 32.5 x 11.5cm
Operating temperature	-10°C / +55°C
Humidity	Up to %95
Type of mounting	Surface Type
Cable entry	Top



STANDARDS
EN54-2: 1997
EN54-2: 1997/AC: 1999
EN54-2: 1997/A1: 2006

Qty per Package | 1

- Membrane panel
- Alarm and error LEDs for each zone
- 24V battery voltage
- Alarm and error relays (NO,NC,COM)
- Contact output
- External 24V output can supply power to 5 gas detectors
- Alarm and error verification in 5 seconds
- Earthing error detection
- Mains power status warning LED
- Battery error LED
- Siren output monitoring and warning
- Deactivatable zones
- Ability to set delay to alarm output
- Testable by one person
- Produced with surface mounting technology

4 ZONE CONVENTIONAL FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00006

Battery Included



8 ZONE CONVENTIONAL FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00005

Battery Included



16 ZONE CONVENTIONAL FIRE ALARM CONTROL PANEL

PRODUCT CODE: M.U.YAN.00004

Battery Included



CONVENTIONAL FIRE ALARM DETECTORS

TECHNICAL DETAILS



Operating Voltage	10V - 24V DC
Quiescent Current	< 200 µA
Alarm Current	15mA
Detection Area	50m² for ceiling height up to 4 meters
Connection Type	3 cable and 1 monitoring indicator outputs
Operating Temperature	-10°C / +55°C
Material	Fireproof plastic
Dimensions	122mm diameter, 52mm height
Color	White

- Processor design
- Produced with surface mounting technology
- 360 degree visible dual led
- Led indicator to display that detector is ON/OFF
- Advanced smoke detection by specially designed smoke cell and processor

Qty per Package | 36

CONVENTIONAL OPTICAL SMOKE DETECTOR

PRODUCT CODE: M.U.YAN.00001

STANDARDS
EN54-7: 2000
EN54-7: 2000/A1: 2002
EN54-7: 2000/A2: 2006

CONVENTIONAL FIXED TEMPERATURE / RATE OF RISE HEAT DETECTOR

Alarm Rate of Rise : According to EN54-5 Standard
Alarm Temperature : 65°C

PRODUCT CODE: M.U.YAN.00011

STANDARDS
EN54-5: 2000
EN54-5: 2000/A1: 2002

CONVENTIONAL NATURAL GAS DETECTOR

Alarm Threshold Value : % 5 LEL
Sensor Warm-up Time : 1 min.

PRODUCT CODE: M.U.YAN.00013

CONVENTIONAL LPG DETECTOR

Alarm Threshold Value : % 5 LEL
Sensor Warm-up Time : 1 min.

PRODUCT CODE: M.U.YAN.00097

CONVENTIONAL NATURAL GAS DETECTOR (WITH RELAY)

Alarm Threshold Value : % 5 LEL
Sensor Warm-up Time : 1 min.
PRODUCT CODE: M.U.YAN.00098

CONVENTIONA LPG DETECTOR (WITH RELAY)

Alarm Threshold Value : % 5 LEL
Sensor Warm-up Time : 1 min.

PRODUCT CODE: M.U.YAN.00099

CONVENTIONAL MULTI DETECTOR (SMOKE+ FIXED TEMPERATURE + RATE OF RISE HEAT)

STANDARDS
EN54-5: 2000
EN54-5: 2000/A1: 2002, EN54-7: 2000
EN54-7: 2000/A1: 2002
EN54-7: 2000/A2: 2006

Alarm Rate of Rise : According to EN54-5 Standard
Alarm Temperature : 65°C

PRODUCT CODE: M.U.YAN.00008

CONVENTIONAL SOCKET BASE



Qty per Package | 1 PRODUCT CODE: MU.YAN.00012

Fire Detection and Security Systems

CONVENTIONAL FIRE ALARM SIRENS



Operating Voltage	24V DC
Operating Current	50mA without Strobe
Sound Output	100 dB at 1 meter
Color	Red
Dimensions	11 x 7 x 5 cm
Operating Conditions	-10 °C / +55 °C and up to %95 moisture

Operating Voltage	24V DC
Operating Current	60mA with Strobe
Sound Output	100 dB at 1 meter
Color	Red
Dimensions	11 x 7 x 5 cm
Operating Conditions	-10 °C / +55 °C and up to %95 moisture



- Produced with surface mounting technology

Qty per Package | 50

CONVENTIONAL FIRE ALARM SIREN

STANDARDS
EN54-3: 2001
EN54-3: 2001/A1: 2002
EN54-3: 2001/A2: 2006

PRODUCT CODE: M.U.YAN.00002

CONVENTIONAL FIRE ALARM SIREN WITH STROBE

PRODUCT CODE: M.U.YAN.00007

CONVENTIONAL MANUAL CALL POINT

STANDARDS
EN54-11: 2001/A1: 2005

TECHNICAL DETAILS

Operating Voltage	24V DC
Quiescient Current	0 mA
Alarm Current	15mA
Protection Class	IP24
Color	Red
Dimensions	10 x 10 x 4,5 cm
Alarm Resistance	1 K Ω for 5 sec.

- Processor Design
- Surface Mounting Technology
- Built-In Short Circuit Isolator
- Addressable
- Loop-Powered
- Alarm Activated Strobe Warning Leds



PRODUCT CODE: M.U.YAN.00003

Qty per Package | 50

CONVENTIONAL FIRE DETECTOR TEST SPRAY

TECHNICAL DETAILS

Hazardous ingredients	CAS No	Weight ratio %	Hazard classification
Propan-2-ol	67 - 63 - 0	10 - 19.99	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
Propane	74 - 98 - 6	10 - 20	Flam. Gas 1 H220
Isobutane	200 - 857 - 2	10 - 20	Flam. Gas 1 H220
Butane	203 - 448 - 7	50 - 70	Flam. Gas 1 H220



Qty per Package | 1

PRODUCT CODE: M.U.YAN.00025

- 250 Ml
- Cleans Dirty And Dusty Detectors Prevents False Alarms
- Improves Sensitivity
- Provides A Fast And Safe Way Of Cleaning The Detector
- Non-İnflammable
- Effective Easy To Use
- Non-Corrosive
- Volume : 6.6cm Diameter, Height :15 Cm O/A
- It Can Be Used On All Type Of Detector Brands

BATTERY



TECHNICAL DETAILS

Battery Voltage	12V
Battery Capacity	4.5 Ah
Dimensions	Lenght 90mm X Width 70mm X Height 101 mm
Weight	1,23 kg
Lifetime	2 years

PRODUCT CODE: M.U.AKU.00001

Qty per Package | 1

CONVENTIONAL SYSTEM REPEATER PANEL



- Surface Mounting Technology
- Ability To Monitor All Warnings Remotely
- Remote Control Feature Of Up To 16 Conventional Control Panels
- Led Indicators For Alarm And Fire Events
- Smps And Battery Included

TECHNICAL DETAILS

Mains Input Voltage	230V AC 50 Hz
Power Consumption	<10W
Battery	12V 4.5Ah
Operating Temperature	-10°C / +55°C
Dimensions	31.5x32.5x11.5 cm

PRODUCT CODE: M.U.YAN.00078

Qty per Package | 1

GSM TELEPHONE CALL MODULE



- Has on-board keypad
- Can register up to 9 telephone numbers to be called sequentially during an alarm.
- Can set the number of redials to be made with the registered numbers.
- Can enter the PIN code of the module's SIM card.
- Can customize call duration, type, etc.

PRODUCT CODE: M.U.HAS.00013

TELEPHONE CALL MODULE (LANDLINE)



- Has on-board keypad
- Can register up to 8 telephone numbers to be called sequentially during an alarm.
- Can set the number of redials to be made with the registered numbers.
- Can customize call duration, type, etc.

PRODUCT CODE: M.U.HAS.00009

Next Generation

Burglar Alarm System With Mobile Control



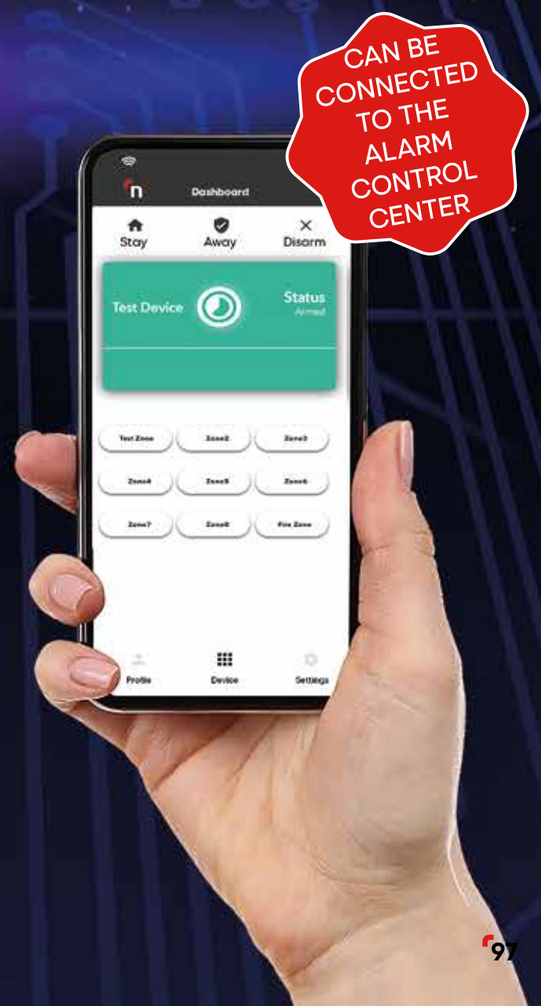
WIRED or WIRELESS



"Reassuring flawless technology.

CEGK SYSTEM

Mobile Phone Controlled Burglar Alarm



NO MONTHLY OR ANNUAL PAYMENTS!

FREE INSPECTION

CEGK Burglar Alarm Systems

GLADIATOR SERIES

BURGLAR ALARM STATION CE

WIRED

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm

CAN BE CONNECTED TO THE ALARM CONTROL CENTER



- **Wired operation**
- **Partition feature (4 area)**
- **LED indicator**
- **Ethernet / Network connection (optional)**
- **With PSTN (Communication over landline)**
- **GSM / GPRS card can be added.**
- **WI-FI Card can be added.**
- **12 V - 7 Ah Battery not included.**

ETHERNET / NETWORK CONNECTION
Product Code: M.U.HAS.00042

WITH PSTN
Product Code: M.U.HAS.00041

WIRED or WIRELESS

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm

CAN BE CONNECTED TO THE ALARM CONTROL CENTER



- **Wired or wireless operation**
- **Partition feature (4 zones)**
- **LED indicator**
- **Ethernet / Network connection (optional)**
- **With PSTN (Communication over landline)**
- **GSM / GPRS card can be added.**
- **WI-FI Card can be added.**
- **12 V - 7 Ah Battery not included.**

ETHERNET / NETWORK CONNECTION
Product Code: M.U.HAS.00040

WITH PSTN
Product Code: M.U.HAS.00039

FEATURES

Partition	4 Zones
Number of Zones	On the station; 8 Physical + 8 Zone Multiplexing = 16 Zones With the Extra Zone Card; 8 Physical + 8 Zone Multiplexing = 16 Zones Total 32 Zones
Passwords	30 User Passwords (Authorizable according to zones) 4 Silent Alarm Codes (Separate for Each Zone) 4 Panic Alarm Passwords (Separate for Each Zone) 1 PC/Remote connection Password
Remote Control	40 Pieces (Separately encrypted and authorized by zones)
Phone Numbers	40 (Authorizable according to zones) (Instant call when alarm goes on, Remote arming-off)
Sms Numbers	40 Sms Numbers (Authorizable according to zones) (Receiving information via SMS, setting up-closing)
News Center	Connection to 2 different news centers at the same time via TCP, Fixed Telephone line or GSM
Activation Times	4 Different Time Selections
Deactivation Times	4 Different Times (Different for each zone)
Weekly Program Settings	Ability to set weekly program hours separately for 4 zones
Programmable Relays	2 x NO 250V 5A programmable relays
Wireless Features	868Mhz Frequency, 128Bit AES encryption, Bidirectional RF communication, Communication distance up to 300 meters in open area, Extending coverage with RF signal repeater Jammer Detection feature, Capacity to add 100 Wireless modules
Record storage	The last 1000 records are stored in the device memory with date and time information. Recordings can be watched through the PC application.
PC Software	All settings can be made via PC. Possibility of connection with USB cable, Ethernet and WIFI module if available.
Software update	Software updates can be done from a computer with a USB cable and PC software. PC software automatically check itself via internet if it is the latest version.

TECHNICAL SPECIFICATIONS

Supply Voltage	230V AC 50 Hz
Operating Voltage	12V DC
Battery	1 pieces 12V DC 7Ah
Battery charging current	Max. 0.5A
Transformer Power Supply Output	25W – 18V
Number of Detection Zones	8 Zones as Standard on the Switchboard, with Zone Multiplexing additional 8 Zones 1 Fire Zone with Extra Zone Card; 8 Zones, Zones additional 8 Zos with multiplexing
End of Line Resistances	470R 1/4W for zone lines, 1K 1/4W for lines to be used as zone doubling, 4.7K 1/4W for fire line
Max Number of Wired Detectors	100 Netelsan brand PIR Detectors. Unlimited Wired Magnetic Sensor
Max Number of Wireless Detectors	100 Netelsan Wireless Detectors, Modules.
Max Number of Fire Detectors	10 Netelsan Conventional Smoke Detectors, 1 Netelsan Conventional Gas Detector
Max Number of Keypads	4 Netelsan LCD Screen Keypads
Max Number of Sirens	2 Netelsan Burglar Alarm Sirens
Sizes	29.2 x 36.5 x 8 cm
Operating Temperature	-10°C / +55°C
Humidity	Up to %95
Mode of Installation	Surface Mounted
Cable Entries	Overhead

GLADIATOR SERIES

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BURGLAR ALARM KEYPAD CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm

CAN BE CONNECTED TO THE ALARM CONTROL CENTER



- **Easy to use with Turkish menu**
- **128 X 64 Graphic LCD Display**
- **Led Illuminated Membrane button**
- **Tamper switch that detects when removed**
- **Changeable Display and Key brightness**
- **Key buzzer sound on – off**
- **Easy adjustment of all features of the alarm system from the menu.**
- **Usable as RF Signal repeater**
- **System Status Indicators**
- **Zone Status Indicators**
- **Using Multiple Keypads Together**
- **Audible Warning**
- **Manufactured with Surface Mount Technology**
- **Remote Control Registration**

WIRED
Product Code: M.U.HAS.00034

TECHNICAL SPECIFICATIONS

Supply Voltage	11V-18V DC
Operating Temperature	-10°C / +55°C
Mode of Installation	Surface Mounted
Sizes	9.4 x 15 x 2.1 cm
Weight	168.9 g

BURGLAR ALARM PIR DETECTOR CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm

CAN BE CONNECTED TO THE ALARM CONTROL CENTER



WIRELESS

- **2 Different Sensitivity Settings (PET feature)**
- **Dual Element Digital Motion Detector**
- **Anti Tamper Switch**
- **110' Field of View**
- **Up to 10m Detection Distance**
- **Visual Motion Detection Indicator**
- **Wall Mount (optional)**
- **Easy Installation to Ceiling, Adjustable Angle**
- **868MHZ Bidirectional RF communication**
- **Auto Adjust RF Signal Output Power**
- **Communication Distance up to 300m in Open Area**
- **128 Bit AES Data Encryption**
- **CRC Data Packet Check**
- **2 AA Size Pen Battery Supply**
- **Up to 2 Years Battery Life(*)**

WIRED

- **3 Different Sensitivity Settings (PET enabled)**
- **Dual Element Digital Motion Detector**
- **Anti Tamper Switch**
- **110° Field of View**
- **Adjustable Detection Distance up to 10 m**
- **Visual Motion Detection Indicator**
- **Sensitivity Adjustment Feature**
- **Manufactured with Surface Mount Technology**
- **Wall Mount (optional)**
- **Easy Installation to Ceiling, Adjustable Angle**
- **Blue LED Warning Light. (Can be Actived and deactivated with JUMPER.)**
- **COM-NC (normally closed) Silent Relay Output**
- **Tamper Switch protected**
- **"Motion Detection" LED Indicator (Optional)**

- **(*) Battery Life is Valid if Quality Alkaline Battery is used, also the movement density at the Mounting of the Sensor and distance from the power plant may affect. Specified Battery Life Applies to Home Environment And Installation Location Not Far From the station.**

WIRELESS
Product Code: M.U.HAS.00017

WIRED
Product Code: M.U.HAS.00004

TECHNICAL SPECIFICATIONS

Supply Voltage	11V-24V DC
Angle of View	110°
Detection Range	Max. 10m
Operating Temperature	-10ºC / +55ºC
Operating Voltage	1.9V-3.3V DC
Mode of Installation	Surface Mounted

BURGLAR ALARM MAGNETIC CONTACT CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm

CAN BE CONNECTED TO THE ALARM CONTROL CENTER



WIRELESS

- **Anti Tamper Switch**
- **Up to 2cm Detection Distance**
- **Top or Side Magnet Detection**
- **868MHZ Bidirectional RF communication**
- **Auto Adjust RF Signal Output Power**
- **Communication Distance up to 300m in Open Area**
- **128 Bit AES Data Encryption**
- **CRC Data Packet Check**
- **2 AA Size Pen Battery Supply**
- **Up to 2 Years Battery Life(*)**

WIRED

- **Can be attached to doors and Windows.**
- **It informs the burglar alarm station when a door or window is opened while the alarm is set.**

WIRELESS
Product Code: M.U.HAS.00018

WIRED
Product Code: M.U.HAS.00006

Operating Voltage	1.9V-3.3V DC
Detection Range	2cm

- **(*) Battery Life is Valid if Quality Alkaline Battery is used, also the ON/OFF frequency at the Mounting of the Sensor and distance from the power plant may affect. Specified Battery Life Applies to Home Environment And Installation Location Not Far From the station.**

CEGK Burglar Alarm Systems

BURGLAR ALARM SIREN CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



CAN BE CONNECTED TO THE ALARM CONTROL CENTER

- Designed to be Resistant to Outdoor Conditions
- UV Resistant Colorless Plexiglas
- 120dBm Audio Output Power
- Led Flasher
- Tamper Switch with tamper protection
- 12V 1.2Ah Battery Capacity
- Alarm when Station Communication is Lost

WIRED BLUE - RED LED
Product Code: M.U.HAS.00036

TECHNICAL SPECIFICATIONS

Supply Voltage	11V-24V DC
Battery	12V DC 1.2Ah
Battery Charging Current	Max. 0.5A
Audio Output Power	0.5A
Operating Temperature	120dBM
Operating Temperature	-10°C / +55°C
Mode of Installation	Surface Mounted
Sizes	20.2 x 30.2 x 6.6 cm
Weight (Red Light)	1448.2 g
Weight (Red - Blue Light)	1381.5 g

GSM / GPRS MODULE CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



CAN BE CONNECTED TO THE ALARM CONTROL CENTER

With its connectors:
- It is attached to the Burglar Alarm Station.
- Phone call via GSM by inserting a SIM card and it provides internet connection via GPRS.

Product Code: M.U.HAS.00012

TECHNICAL SPECIFICATIONS

Operating Voltage	3.6V DC
Operating Frequencies	Dual-band EGSM 900 / 1800 MHz
Mode of Installation	Plugged in

WIRELESS SIGNAL REPEATER

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



CAN BE CONNECTED TO THE ALARM CONTROL CENTER

- Provides the Transmission of
- RF Signals between Sensors and Station.
- It can be used by plugging into any socket.
- Not affected by power cuts, thanks to the Built-in Backup Power Supply.

Product Code: M.U.HAS.00033

TECHNICAL SPECIFICATIONS

Operating Voltage	220v AC
Operating Frequencies	868HMz
Communication Range	Up to 350m
Mode of Installation	Plugged in

WI-FI MODULE CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



CAN BE CONNECTED TO THE ALARM CONTROL CENTER

- Can be Attached to Burglar Alarm Station with its connectors.
- Provides internet connection through 2.4 Wifi Channels.

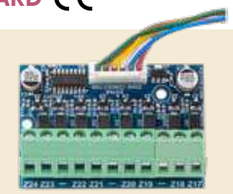
Product Code: M.U.HAS.00037

TECHNICAL SPECIFICATIONS

Operating Voltage	3.6V DC
Operating Frequencies	2.4G Wi-Fi network
Mode of Installation	Socket mounting on the motherboard

ZONE AMPLIFICATION CARD CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



CAN BE CONNECTED TO THE ALARM CONTROL CENTER

- Can be Attached to Burglar Alarm Station with its connectors.
- Provides 8 additional wired zone connections.

Product Code: M.U.HAS.00035

BURGLAR ALARM REMOTE CONTROLLER CE

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



CAN BE CONNECTED TO THE ALARM CONTROL CENTER

- Set up alarms (options for indoors / outdoors areas)
- Panic button (trigger alarm)
- High security encryption

Product Code: M.U.HAS.00011

TECHNICAL SPECIFICATIONS

Operating Frequencies	433Mhz
Operating Range	50 M (open area)

BURGLAR ALARM STATION BATTERY CE



Product Code: M.U.HAS.00032

TECHNICAL SPECIFICATIONS

Supply Voltage	12 V
Battery Capacity	7 Ah
Size	Lenght 151mm X Width 65mm X Height 99mm
Weigh	1,97 kg
Lifetime	2 Years

BURGLAR ALARM SIREN BATTERY CE



Product Code: M.U.HAS.00007

TECHNICAL SPECIFICATIONS

Supply Voltage	12 V
Battery Capacity	1.2 Ah
Size	Lenght 151mm X Width 65mm X Height 99mm
Weigh	1,97 kg
Lifetime	2 Years

GLADIATOR SERIES

BURGLAR ALARM PACKAGES (16 + 16 Zone)

WIRED SYSTEMS

CE

CAN BE CONNECTED TO THE ALARM CONTROL CENTER

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



NT-4000 ONLY WITH PSTN

Product Code: M.U.HAS.00043

NT-5000 WITH PSTN+ETHERNET

Product Code: M.U.HAS.00046

CAN BE CONNECTED TO THE ALARM CONTROL CENTER

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



NT-4100 ONLY WITH PSTN

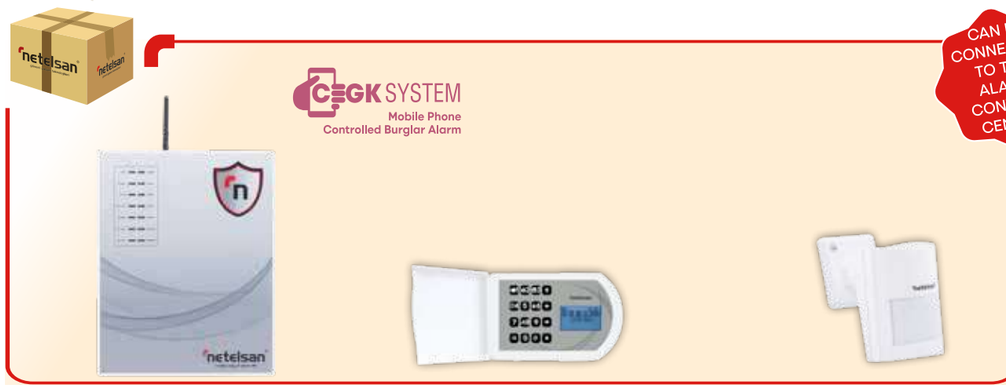
Product Code: M.U.HAS.00044

NT-5100 WITH PSTN+ETHERNET

Product Code: M.U.HAS.00047

CAN BE CONNECTED TO THE ALARM CONTROL CENTER

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



NT-4200 ONLY WITH PSTN

Product Code: M.U.HAS.00045

NT-5200 WITH PSTN+ETHERNET

Product Code: M.U.HAS.00048

* Power Plant Battery Is Not Included In The Package Prices

GLADIATOR SERIES

BURGLAR ALARM PACKAGES (16 + 16 Zone)

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WIRED - WIRELESS SYSTEMS

CE

CAN BE CONNECTED TO THE ALARM CONTROL CENTER

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



NT-2000 WITH PSTN

Product Code: M.U.HAS.00025

NT-3000 WITH PSTN+ETHERNET

Product Code: M.U.HAS.00028

CAN BE CONNECTED TO THE ALARM CONTROL CENTER

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



NT-2100 WITH PSTN

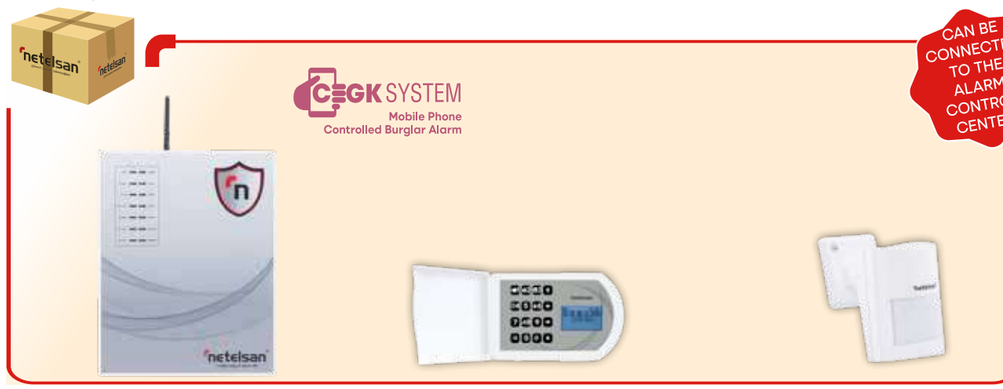
Product Code: M.U.HAS.00026

NT-3100 WITH PSTN+ETHERNET

Product Code: M.U.HAS.00029

CAN BE CONNECTED TO THE ALARM CONTROL CENTER

CEGK SYSTEM
Mobile Phone Controlled Burglar Alarm



NT-2200 WITH PSTN

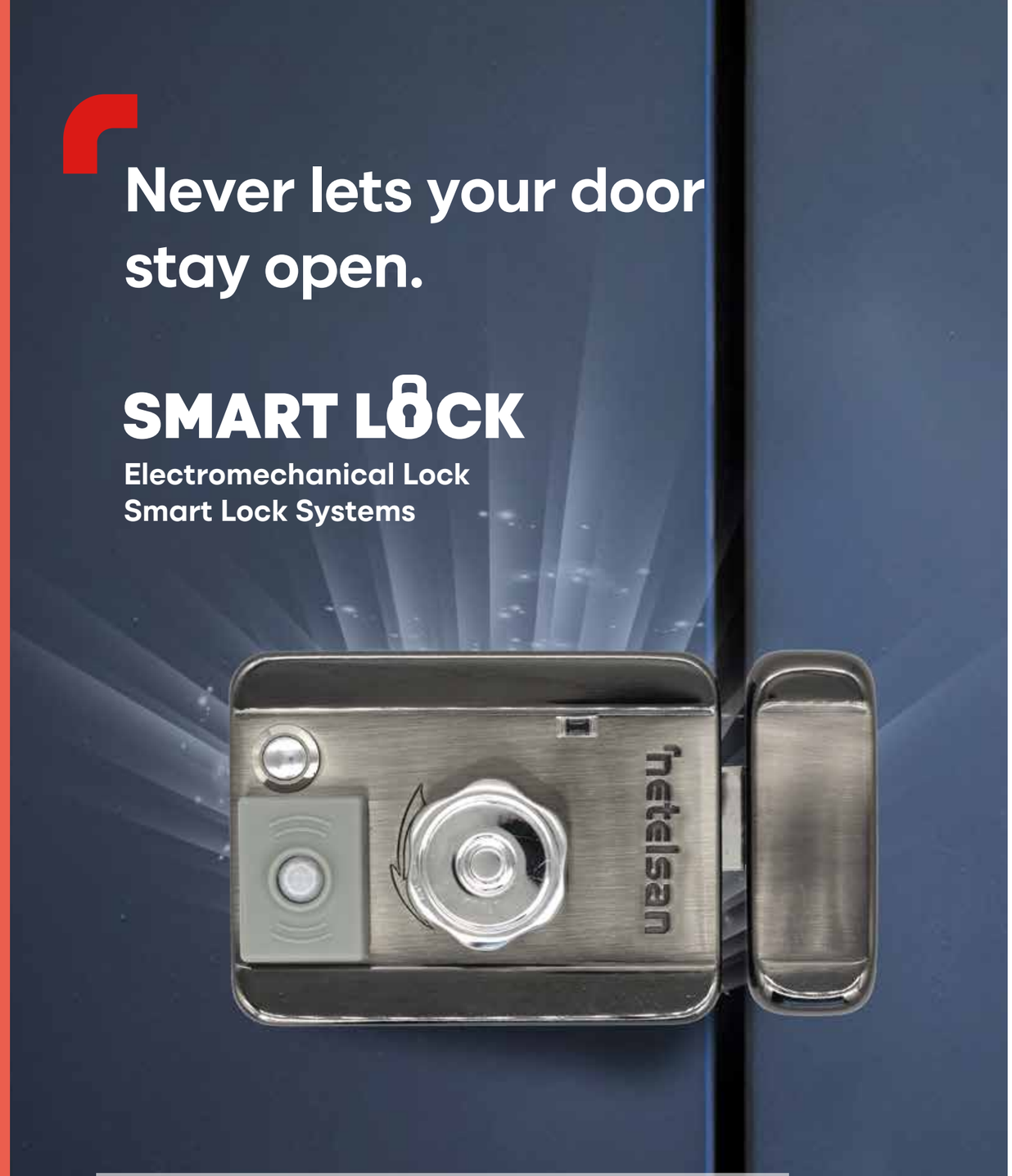
Product Code: M.U.HAS.00027

NT-3200 WITH PSTN+ETHERNET

Product Code: M.U.HAS.00030

* Power Plant Battery Is Not Included In The Package Prices

CEGK Burglar Alarm Systems



Electromechanical Lock Smart Lock Systems

CE

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CE

ELECTROMECHANICAL LOCK SMART LOCK PACKAGE

ELECTROMECHANICAL SMART SENSOR LOCK (SILVER)



+

SMART LOCK CARD READER FOR ACCESS CONTROL



+

SMART LOCK ACCESS CARD



REMOTE CONTROL

+



+

SMART LOCK POWER SUPPLY



Box Quantity | 6 pcs. - 10 pcs.

PRODUCT CODE: M.U.AKK.00023

ELECTROMECHANICAL SMART LOCK (SILVER)



+

SMART LOCK CARD READER FOR ACCESS CONTROL



+

SMART LOCK ACCESS KEY FOB



REMOTE CONTROL

+



+

SMART LOCK POWER SUPPLY



Box Quantity | 6 pcs. - 10 pcs.

PRODUCT CODE: M.U.AKK.00024

SMART LOCK ACCESS CONTROL UNIT



PRODUCT CODE: M.U.AKK.00011

SMART LOCK KEY FOB



PRODUCT CODE: M.U.KGP.00002

SMART LOCK POWER SUPPLY AND BATTERY



PRODUCT CODE: M.U.AKK.00008

Electromechanical Lock
Smart Lock Systems

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ELECTROMECHANICAL SMART SENSOR LOCK (SILVER)



PRODUCT CODE: M.U.AKK.00019

ELECTROMECHANICAL SMART LOCK (SILVER)



PRODUCT CODE: M.U.AKK.00020

ELECTRIC CYLINDER DOOR LOCK (50 mm)



PRODUCT CODE: M.U.AKK.00015

ELECTRIC CYLINDER DOOR LOCK (70 mm)



PRODUCT CODE: M.U.AKK.00016







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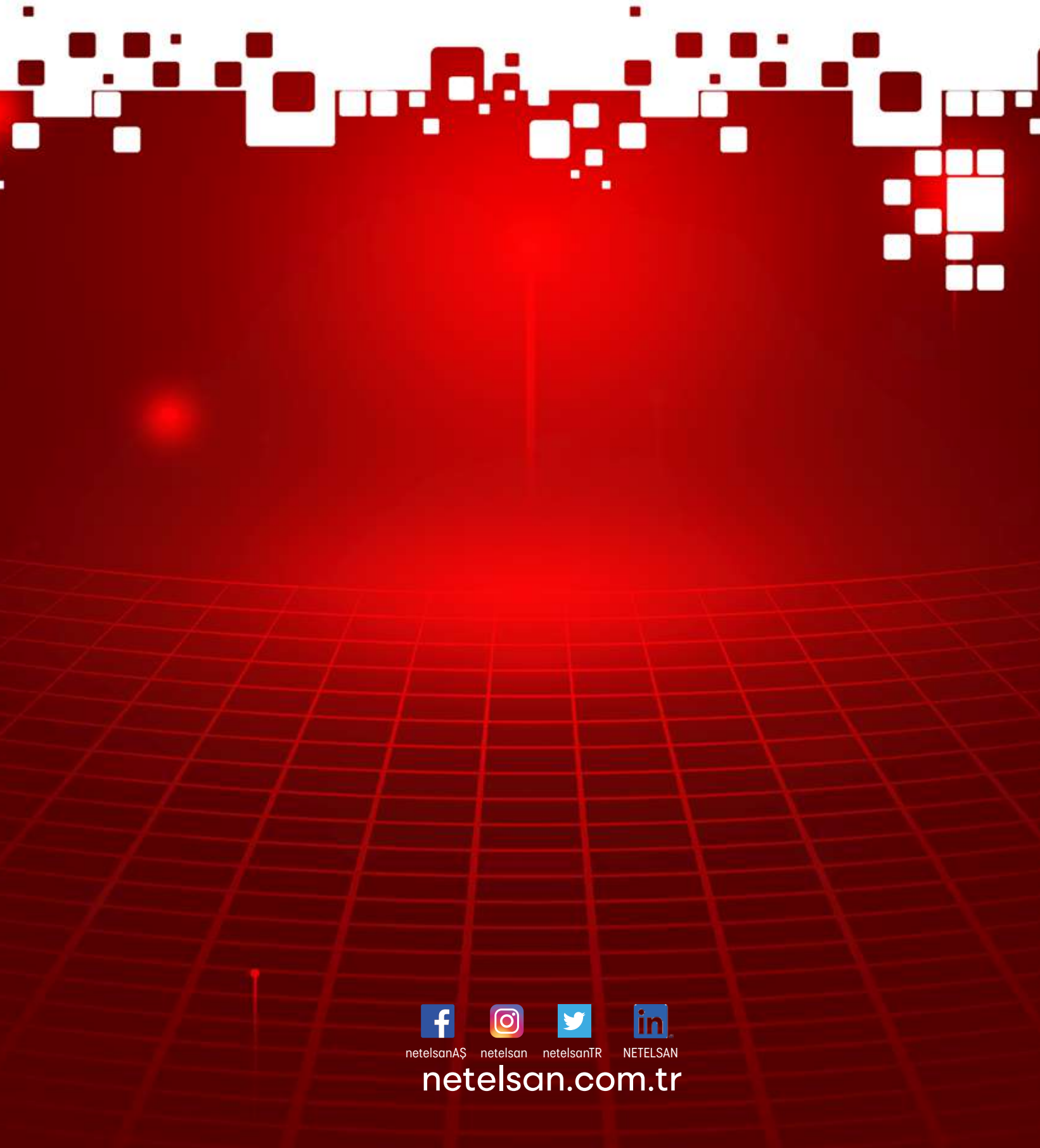

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