PRODUCT CATALOG

ACCESS THE FUTURE

2025

Bringing you the latest access control systems to secure your home.

We are one of the largest manufacturers of **Cellular**, **IP**, **audio** and **Video telephone entry systems**. Many of our access control products are available for purchase through dealers and sales outlets in over 40 countries worldwide. All of our products come with a **2 year warranty** and free technical help and support.

Our intercoms are made from the highest quality materials and are available in a range of different technologies to provide a solution to all types of entrances.

We use brushed BS316 marine grade stainless steel for corrosion resistance. Some units have black powered coated steel (other colours are available for bespoke units, ask your sales rep for more information). Tough gloss acrylic faceplates give the units a modern look, perfect for any entrance.

CONTENTS

CELLULAR INTERCOM SYSTEMS

CELLCOM PRIME7 (VOICE CELLULAR TELECOM ENTRY SYSTEMS) PAGES 5 - 6

CELLCOM LITE (VOICE CELLULAR TELECOM ENTRY SYSTEMS) PAGE 7

EMERGENCY ASSIST (VOICE CELLULAR TELECOM ENTRY SYSTEMS) PAGES 8 - 9

I-GATES CELLULAR GATE SWITCHES PAGE 10

SIM CARD INFO PAGE 11

MULTI-FAMILY (MULTI-CALL CELLULAR TELECOM ENTRY SYSTEMS) PAGES 12 - 13

KEYCELL (STANDALONE KEYPAD SYSTEM) PAGES 16 - 17

IP/4G VIDEO INTERCOM SYSTEMS

PRAETORIAN GUARD (IP VIDEO TELECOM ENTRY SYSTEMS) PAGES 17 - 21

OPYN VIDEO INTERCOMS (IP VIDEO TELECOM ENTRY SYSTEMS) PAGES 22 - 23

I-GATE-WIFI (IP GATE SWITCH) PAGE 25

SPECIAL PRODUCT RANGES

MODULAR RANGE PAGES 27 - 29

E-LOOP (WIRELESS VEHICLE DETECTION SYSTEM) PAGES 30 - 39

TOMALOK - ELECTRIC GATE BOLT PAGES 40 - 43

PEDESTAL ADAPTORS PAGE 44

RESOURCES PAGE 45

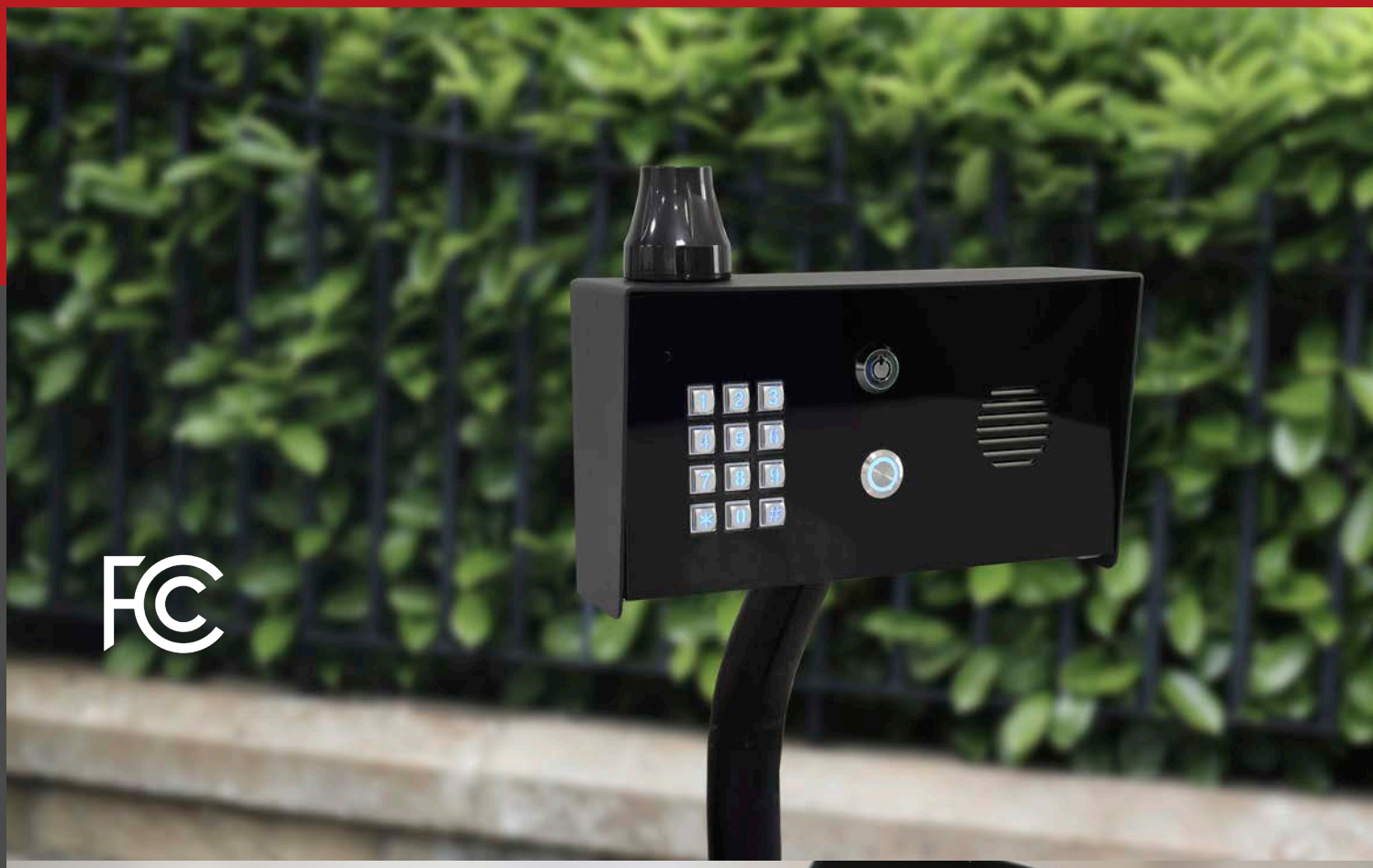
CELLULAR

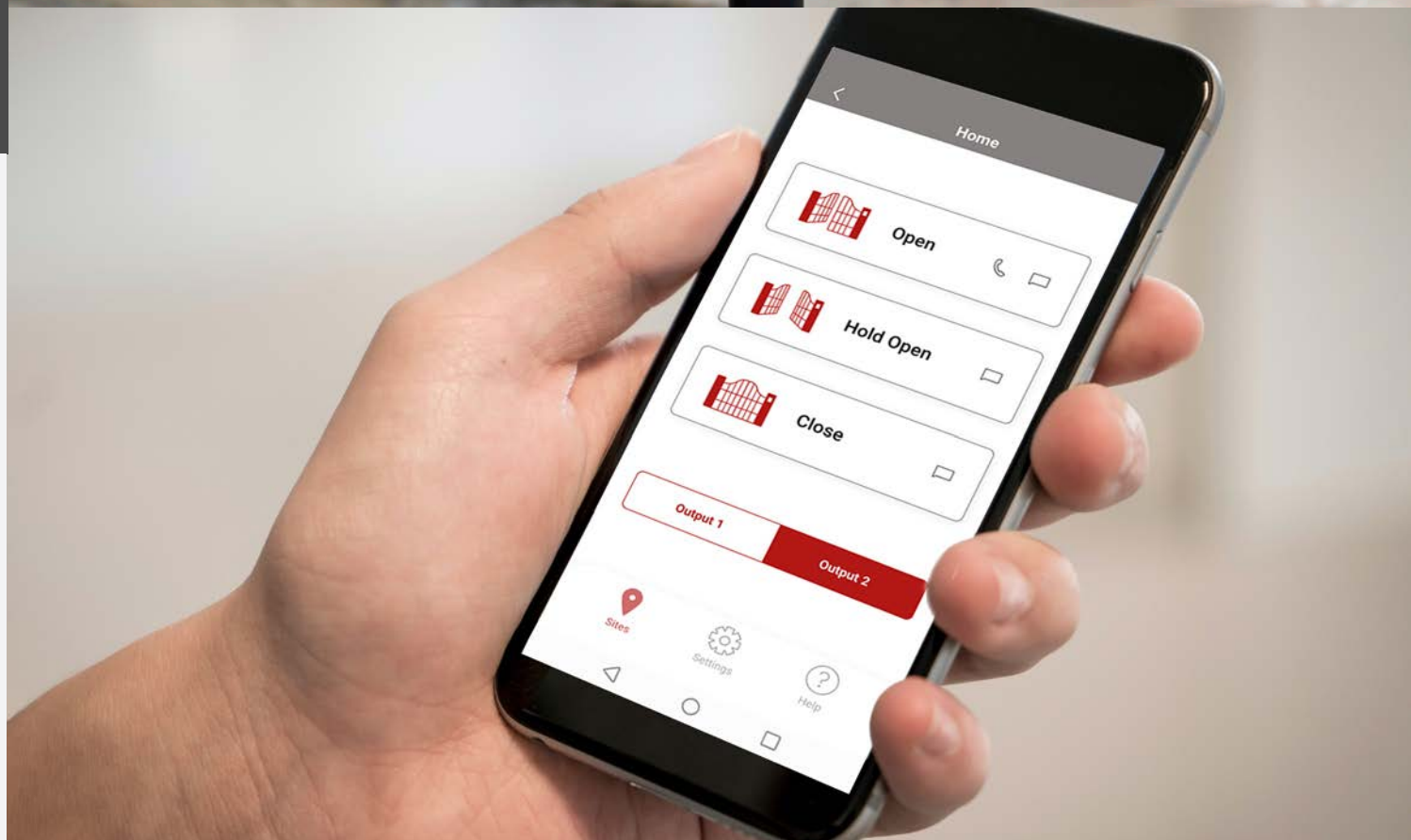
IP/4G

SPECIAL PRODUCT

CELLULAR

Telephone Entry Systems For Talking & Operating Your Door/Gates By Cellphone.





CELLCOM PRIME 7th GENERATION

VOICE CELLUAR TELEPHONE ENTRY SYSTEM

Never miss a visitor/caller, this unit calls your home phone or cellphone on roll-over when a visitor presses the call button.

Store up to 4 notification phone numbers to receive an SMS (customizable) when relay is triggered etc

Ability to set Do-not-disturb times.

Set automatic gate open & close times.

Trigger, latch and unlatch SMS replies.

2x Relays.

FOTA – Upgrade firmware via SMS.

Dynamic APN – Automatically detects & sets APN.

Issue time-restricted keypad codes.

The card reader is included as standard.

Check out ourtelecom website for SIM card options:

aesglobaltelecom.com

DETAILS			
Dial Out Numbers	4	Relays	2
Permanent Codes/cards	250	Relay Type	N/C and N/O
Time Restricted Codes/cards	250	Relay Load	2 amps, 24v ac max
Temporary Codes/cards	50	Power Consumption	300mA on dial out, 2amp peak demand
Automatic Trigger Events per Week	50	Modem Models	4G EU, 4G USA, 4G AUS/NZ
Caller ID Numbers	250	Power Supply	24v dc (24v dc 2A adaptor included)
Time Restricted Caller ID Numbers	250	Prox model	125 khz

AES PRO APP

The ideal app for **installers**, offering the ability to program intercoms across multiple sites and including additional features.

App Store

AES HOME APP

The user-friendly option allows the **end user** to program their AES intercom conveniently.

Each kit contains, a speech panel, power supply, prox cards/ tags, install manual, sim card options and a antenna.

PEDESTAL MODELS

PRIME7-PBPK-US

PRIME7-PSPK-US

Stainless Steel

ARCHITECTURAL MODELS – Stylish panels with backlighting.

Black/steel panels with blue lighting.

PRIME7-ABPK-US

Full steel panels with white lighting.

PRIME7-ASPK-US

IMPERIAL MODEL – Sleek all-black panels.

PRIME7-IBPK-US

All black panels with white lighting.

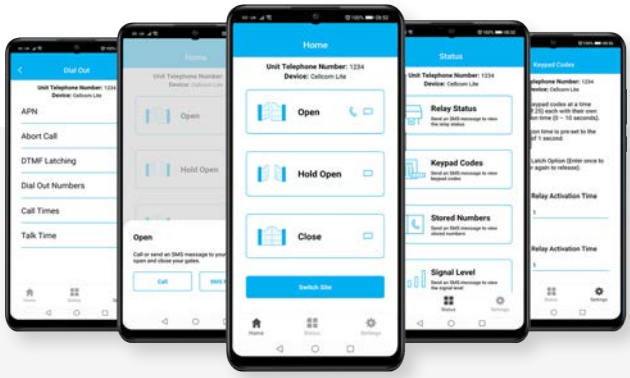
Prox cards.

CELLCOM lite

Simple, Effective Cellular
Telephone Entry System

The Cellcom Lite is a simple audio Cellular telephone entry system.

Never miss a visitor with cellphone calling. This intercom calls your home/cell phone on roll-over when the visitor presses the call button.



The Lite system works with our user friendly AES LITE APP. With Installer and homeowner capabilities. Available on android and ios.

LITE-PBK-US

PEDESTAL MODEL – All hooded panels with blue lighting.

Each kit contains, a speech panel, power supply, install manual, sim card options and a antenna.

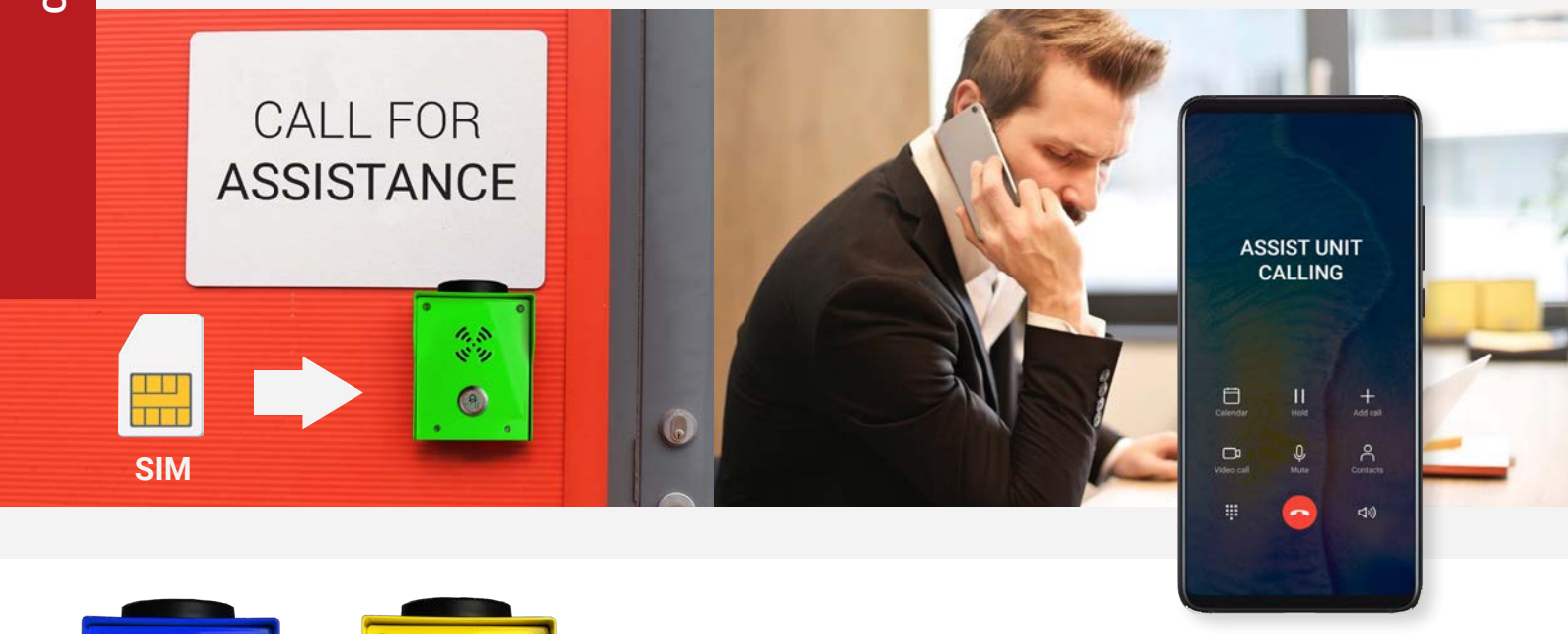
Check out our telecom website for SIM card options:

aesglobaltelecom.com

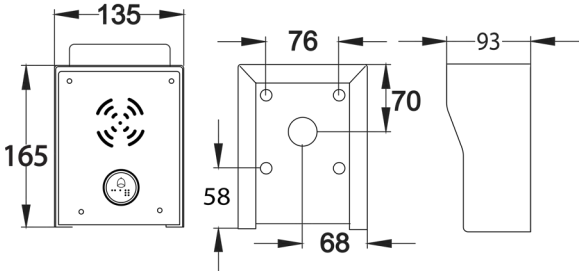
DETAILS			
Dial Out Numbers	3	Relays	1
Permanent Codes	25	Relay Type	N/C and N/O
Permanent Caller ID Numbers	25	Relay Load	2 amps, 24v ac max
Power Consumption	100mA on dial out, 220mA peak demand	Power Supply	24v dc (24v dc 2A adaptor included)
Modem Models	4G Europe, 4G USA, 4G AUS/NZ		

EMERGENCY / CALL ASSIST RANGE

Call assist & emergency one button cellular units.



This assist unit calls mobiles/phones on roll-over when someone presses the call button.



Large call button with braille 'Call'.

DETAILS			
Dial Out Numbers	4	Relay Type	N/C and N/O
Automatic Trigger Events per Week	50	Relay Load	2 amps, 24v ac max
Caller ID Numbers	250	Power Consumption	300mA on dial out, 2amp peak demand
Time Restricted Caller ID Numbers	250	Modem Models	4G EU, 4G USA, 4G AUS/NZ
Relays	2	Power Supply	24v dc (24v dc 2A adaptor included)

Available in up to 5 colours. These are bespoke units and can be branded to your specifications. Please contact us for more infomation.

Hooded 4G industrial **yellow** cellular telephone system. Bulit in antenna.

PRIME7-IYT-US

Hooded 4G industrial **red** cellular telephone system. Bulit in antenna.

PRIME7-IRE-US

Hooded 4G industrial **orange** cellular telephone system. Bulit in antenna.

PRIME7-IOC-US

Hooded 4G industrial **blue** cellular telephone system. Bulit in antenna.

PRIME7-IBA-US

Hooded 4G industrial **green** cellular telephone system. Bulit in antenna.

PRIME7-IGA-US

EXAMPLE INTSALL

Business Assistance call point.

The above call points can be used outside the business for delivery drivers to call if they need assistance or inform the business that they have arrived or need assistance, the unit are bright in color and easy to see.

i-GATE

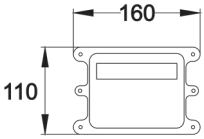
Gate Openers

Gate opener with IOS & Android Apps.

	I-GATE-PRIME AES PRO APP	I-GATE-PLUS *AES LITE APP	I-GATE-WIFI *I-GATE-WIFI APP
Connection.	GSM	GSM	IP
Numbers for caller ID access.	250	1280	N/A
FOTA – Upgrade firmware via SMS.	✓	✓	✗
Automatic firmware upgrade via WEB.	✗	✗	✓
Trigger, latch and unlatch gates by SMS or with app.	✓	✓	✓
Auto call feature to schedule outgoing call (prevents SIM card being deactivated).	✓	✓	N/A
Activity log feature.	✓	✓	✓
Includes 7 day time clock.	✓	✓	✗
Check stored numbers by SMS.	✓	✓	N/A
Volt free momentary relay outputs.	2	1	1
Check if gates are opened or closed (limit switch).	✓	✗	✗
Check relay status.	✓	✓	✓
SMS passcode access for non stored numbers.	✓	✓	N/A
Store up to four phone numbers to receive SMS alerts each time the unit is used to grant access.	✓	✓	N/A
Program times for the relay(s) to operate automatically.	✓	✓	N/A
Push-To-Exit time limits.	✓	✓	✗
E-LOOP* Connection Features.	✗	✓	✗
SMS Notification when **e-LOOP** battery is low (4 Numbers).	✗	✓	✗
e-LOOP only OR **e-LOOP** & remote lock out times.	✗	✓	✗
Suspend times.	✗	✓	✗
Voice control via alexa/Google integration.	✗	✗	✓
Share with other users.	✗	✗	✓
Permission levels.	✗	✗	✓

*e-Loop sold separately.
* Full app functionality will be released at a later date. Direct SMS commands can be used.

*More I-Gate wifi info on page 23.



DETAILS - PRIME & PLUS	
Power	12-24v ac/dc (not supplied).
Current	25mA (standby). 80mA (when called).
Weather Rating	IP67
Relay Load	24v 2A
Relay Type	N/C and N/O. Latching & Momentary.

DETAILS - WIFI	
Working Frequency	Wi-Fi (b/g/n) 2,4GHz
Power	8-36VAC/DC (not supplied)
Current	27mA (Standby). 50mA (In operation).
Weather Rating	Outdoor unit: IP67 | Din rail unit: IP20
Relay Load	3A
Relay Type	N/C and N/O. Latching & momentary

Sim card packages USA

Sim card packages for our Cellular & IP/4G Ranges. With our packages, you can get connected to your intercom. We have sim card packages available on different networks. Go to www.aesglobaltelecom.com to learn more.

AT&T

Voice SIM

VOICE SIMs are compatible with the following intercoms:

- Cellcom Prime7
- Multicom Family
- Cellcom Keycell
- Cellcom LITE
- I-Gates
- Modular Cellular

Data SIM

DATA SIMs are compatible with the following intercom:

- Praetorian Guard
- Modular IP / 4G

Always stay connected!

T-Mobile

Data SIM

DATA SIMs are compatible with the following intercom:

- Praetorian Guard
- Modular IP / 4G

Please visit www.aesglobaltelecom.com to activate the sim cards.

For sim card support:
E. support@aesglobaltelecom.com

MULTICOM CLASSIC

Cellular telephone entry systems for apartments or gated communities.

- Calls up to 500 apartments from a single SIM card (3 users per apartment).
- Visitors can scroll for residents, or enter apartment number to call.
- HD voice with VoLTE*.
- Prox reader comes as standard.
- Built in time clock for auto opening and closing of gates, barriers or doors in busy periods or for daytime operation.
- Do not disturb feature.

*Requires correct APN to be set and will only be experienced on a VoLTE enabled device.

Programmable with the AES PRO APP.

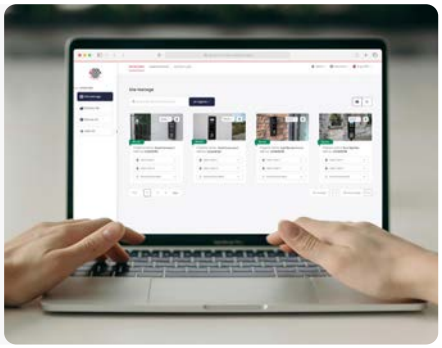
Works with our multi network AESIM.

aesglobaltelecom.com

GSM Cloud Portal

With the **AES Cloud Portal**, building managers and installers can remotely program and manage their **Multicom Classic** units anytime, from any location.

- Remote programming.
- Simplified management.
- SMS message reduction.
- User Friendly.



DETAILS			
Dial Out Numbers per Apartment	3 per apartment (1500 Total)	Relays	2
Keypad Codes per Apartment (6 digit)	1 per apartment (500 Total)	Relay Type	N/C and N/O
Prox Cards/Tags per Apartment	3 per apartment (1500 Total)	Relay Load	2 amps, 24v ac max
Automatic Trigger Events per Week	10	Power Consumption	310mA on dial out, 2amp peak demand
Modem Models	4G EU, 4G USA, 4G AUS/NZ	Power Supply	24v dc (24v dc 2A adaptor included)

VISITOR CODES/CARDS			
	Permanent	Time-restricted	Temporary
Visitor Prox Cards, Keypad Codes (4 digits), Caller ID	250	250	50

The Multicom Classic is available in imperial or pedestal panels. (Flush units available)

Each kit contains, a speech panel, power supply, install manual, SIM card options and a antenna. Plus card/tags for handy prox access.

MULTI-CL-PSPK-US

Pedestal unit - Full black panel with blue lighting.

MULTI-CL-PSPK-US

Pedestal unit - Full steel panel with white lighting.

Sleek all-black panel with blue lighting.

MULTI-CL-IBPK-US

Full steel panel with white lighting.

MULTI-CL-ISPK-US

Prox cards.

Antenna.

CELLCOM KEYCELL

Standalone Cellular/4G keypad system. A great solution for security by covering those extra entrances/gates/doors.

Gate/Entrance 1

All devices are connected to a master unit which has a built in transmitter.

Gate/Entrance 2
Auxiliary Keypad Unit

Gate/Entrance 3
Auxiliary Prox Unit

Gate/Entrance 4
Auxiliary Prox & Keypad Unit

- Up to 6 auxiliary units can be connected to a master unit: Relay 1 and 2 on master unit; relays 3 to 8 on auxiliary units.
- Can have a mix of keypads & prox reader units in one set up.
- DDA LEDS on each auxiliary unit indicates correct or incorrect code/card used.
- Relay on every auxiliary unit that can be set via a dip switch.
- Keypad tones/ confirmation sound can be adjusted on auxiliary units.
- Units are wired via 5 cores of cat 5 cable. (Separate PSU depending on distances).
- 100m total cable lenth. An extra PSU required every 20m.

DETAILS	
Power	24v d.c
Current	300mA/2A Peak 100mA Per Auxiliary Unit
Weather Rating	IP55
Relay Type	2 x N/C & N/O Contacts
Total Permanent Keypad Codes	250
Total Permanent Prox Cards	250
Time Restricted Codes/Cards	250
Temporary Codes/Cards	50

Master Units: Keypads, Prox readers with built-in transmitter.

KEY-MST-PBPK-US
Master unit with keypad & prox reader.

KEY-MST-PBK-US
Master unit with keypad.

KEY-MST-PBP-US
Master unit with prox reader.

Auxiliary **Pedestal** Keypads & Prox readers.

KEY-AUX-PBPK-US
Aux pedestal unit with keypad & prox reader.

KEY-AUX-PBK-US
Aux pedestal unit with keypad.

KEY-AUX-PBP-US
Aux pedestal unit with prox reader.

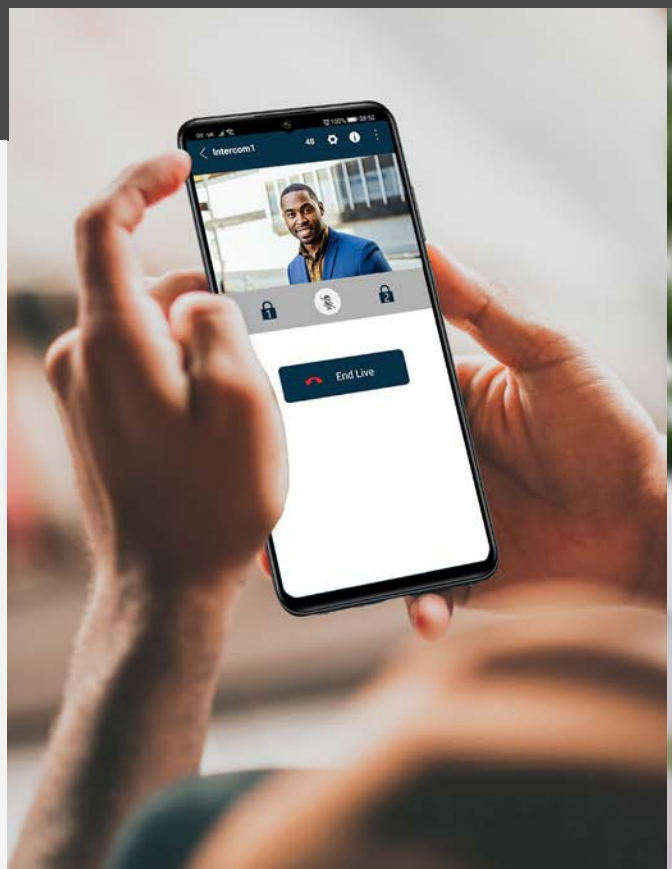
CELLULAR

IP/4G

SPECIAL PRODUCT

IP-4G

Video IP-4G Telephone Entry Systems - IP Gate Switch.



PRAETORIAN GUARD

IP - 4G Video Telephone Entry System

Connect via a 4G Access Point via sim card or WiFi, LAN Cable (Sold as separate kits) (Dualband WIFI. 2.4 & 5.8G wifi (IEEE 802.11 b/g/n/a/c).

*HD camera with digital video motion sensor.

Colour camera with night vision and IR cut filter. Infra-red night vision illuminators.

Optional integrated keypad for access codes (24-7 / Timed / Temporary).

The card reader is included as standard. (Cards/Tags - 24-7 / Timed / Temporary).

Installer / User App

Speak & view your visitors from anywhere in the world!

The ***AES SMART APP** is used control the Praetorian Guard. New user interface, ensuring a more user-friendly experience and improved functionality.

Grant access remotely - Send a command to the gate motor via the app to open your gates etc.

Multi-User - Add up to 8 maximum devices per the units ID. (incl ADMIN user. 4 maximum for optimal performance.)

***Due to a firmware update (09/02/24), older units will now need to upgrade to the AES SMART APP.**

Volume of external speaker adjustable at the call-point.

Voicemail - Visitors can leave a video messages when unanswered (SD card required).

DETAILS			
Permanent Codes/cards	100	Relay Type	N/C and N/O
Time Restricted Codes/cards	100	Relay Load	3 amps, 24v ac max
Temporary Codes/cards	100	Power Consumption	300mA on dial out, 2amp peak demand
Event log displays	100	Modem Models	4G Europe, 4G USA, 4G AUS/NZ
Unique APP users	8	Power Supply	24v dc (24v dc 2A adaptor included)
Relays	2	Wifi (Range 2.4 & 5.8ghz)	IEEE 802.11 a/b/g/n/ac
		SD Card	Required to view recorded events (not included).

*Moving objects & changing weather may trigger the sensor.
*Ability to change sensitivity or turn off motion sensor via APP.

4G Kits with 4G Robustel Router.

Introduce the updated 4G router for our Praetorian Guard 4G range. Through our new partnership with Robustel, we are now able to offer a more advanced and reliable 4G router.

- Dual Ethernet and choice of RS485 port.
- Modbus RTU to Modbus TCP Gateway built-in.
- Ethernet, Wifi and 4G internet connection options with auto-failover.
- Free cloud management platform – RCMS.
- RobustVPN provides a fixed IP address on ANY SIM card.
- Full SMS control for diagnosis and recovery from data network problems.
- Smart Roaming.

*Some features are subject to change.

IP/4G

Each kit contains a video speech panel, power supply, prox cards, install manual, Modem 4G + sim cards choices.

Prox cards.

PEDESTAL MODELS – Bigger pedestal units with an integrated router inside.

PRAE-4G-PBPK-US

PRAE-4G-PSPK-US

ARCHITECTURAL MODELS Stylish black/ steel panels with backlighting.

PRAE-4G-ABPK-US

Blue buttons & blue back lighting.

ARCHITECTURAL MODELS steel panel with backlighting.

PRAE-4G-ASPK-US

White buttons & blue back lighting.

Robustel router inside our enclosure box.

IP Kits with Wi-Fi Antenna

High gain Wi-Fi antenna

Long Range Antenna (2.4GHz) (up to 60m working range depending on router type and location)*

***Further distances can be achieved using 3rd party extender such as AP+bridges.**

Each kit contains a video speech panel, power supply, install manual and Wi-Fi antenna.

PEDESTAL MODELS

PRAE-IP-PBPK-US

PRAE-IP-PSPK-US

ARCHITECTURAL MODELS Stylish black/ steel panels with backlighting.

PRAE-IP-ABPK-US

Blue buttons & blue back lighting.

ARCHITECTURAL MODELS steel panel with backlighting.

PRAE-IP-ASPK-US

White buttons & blue back lighting.

MODULAR PRAE 1x2

Modular unit with speaker, video, 1 call button, card reader & keypad module.

PRAE-*IP*-MOD-IBPK-US

MON-11-EU

Android monitor with Smart APP installed (use the play store to update the app). The Mon-11 can be purchased as an added accessory to all kits.

- Wall mount touch screen monitor (1280x800 Resolution), compatible with the Praetorian system.
- 10.1 inch screen IPS LCD android screen.
- Wifi, Ethernet & Bluetooth connections.
- Complete with wall mount bracket.

Opyn

Advanced IP-4G Video Telephone entry system

Interact with your caller no matter where you are. Stay connected anytime, anywhere.

Establish a connection using *IP/LAN connection. 4G kits offer internet access through a compatible SIM card.

*For a more reliable connection, we recommend using a wired or 4G connection.

- 2x Relays.
- Nightvision.
- LED Luminance (Night time).
- Voice Control via Alexa/Google Integration.
- Tamper Alarm.

- Set automatic opening times via Opyn app.
- Scan QR code unlock. Ability to set validity time & the number of uses or make both unlimited.
- Motion detection alerts, use app to playback footage from online server.
- View live camera feed via app.
- Image/Video download.
- Multiple users/devices same account online in app.
- Ability to add 3 customized voicemail messages and set one to play when the call is not accepted.
- Activity Log.

App Store Google Play

IP/4G

Details			
Max Users (Share device via app, qr or link)	Unlimited	Relays	2
Keypad Codes - Ability to set validity times / number of uses or make both unlimited.	150	Relay Type	N/C and N/O
QR Codes	150	Relay Load	3a, 30v DC/250AC
Activity Log Display	Unlimited	Power Consumption	300mA on dial out, 2amp peak demand
WIFI (2,4 & 5 GHz)	Yes	Working Voltage	24v DC, 48v POE
LAN	Yes	SD Card	128GB Max (8GB card included)
Operation Temperature	-20 to +55	Camera Angle	130H, 70V, 150D
IP Rating	IP54	Video Resolution	1080, 720, 640*360

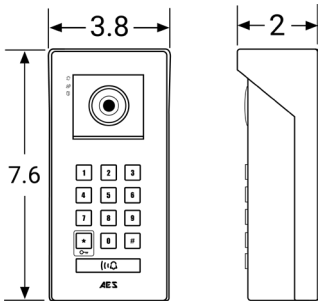
*Wifi antenna sold separately.

Kits & part numbers

OPYN-4G-IBK

Kit comes with hooded imperial video intercom in black powder coated with white light illumination. 4G modem, SIM card options & power supply.

Visit aesglobaltelecom.com for sim card info.



OPYN-IP-IBK

Kit comes with hooded imperial video telephone entry system in black powder coated with white light illumination. Power supply included.

*Wifi antenna sold separately.

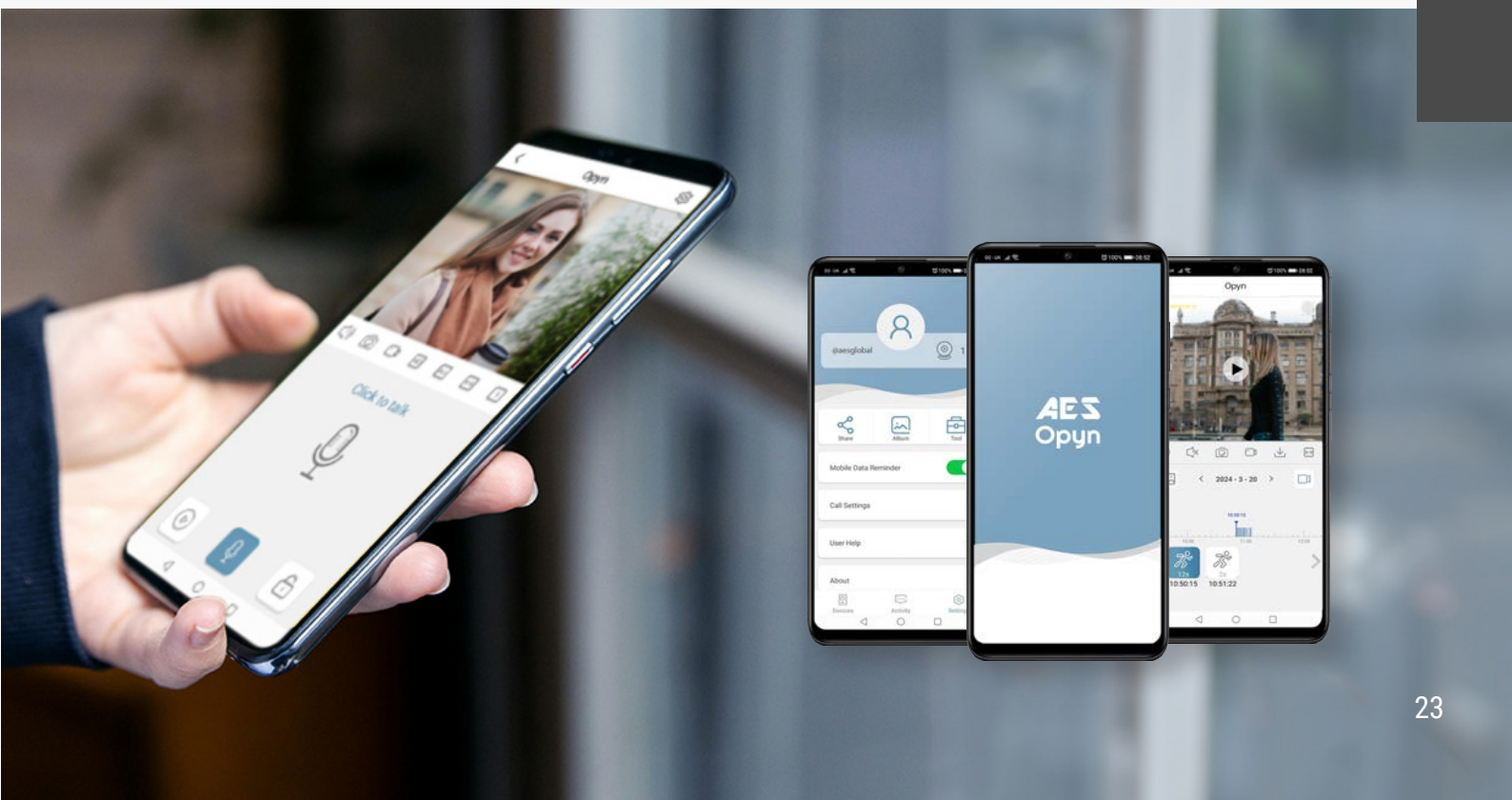
*For a more reliable connection, we recommend using a wired or 4G connection.

WIFIA-10

2.4Ghz Wifi Antenna with 10m Lead.

WIFIA-2

2.4Ghz Wifi Antenna with 2m Lead.



The Opyn can be pedestal/
gooseneck mounted.

i-GATE WiFi

An innovative IP Switch for gates, barriers and doors!

Elevate your connectivity with our user-friendly IP solution. Choose between Din Rail or iGate Enclosure mounting for adaptability. Connecting seamlessly to 2.4GHz WiFi networks, this compact device ensures clutter-free spaces with a range of up to 50+ yards (depending on router location & obstructions). Simplify your setup and enhance performance with our compact and versatile WiFi Connectivity Solution.

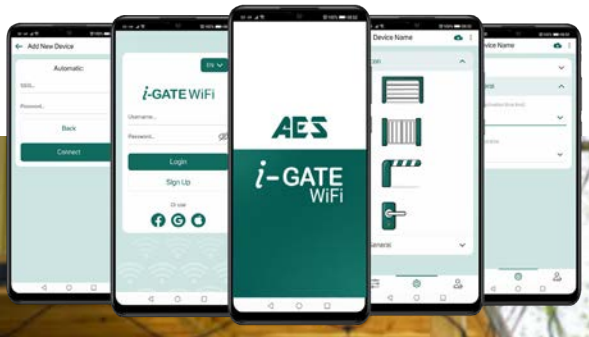
Available as an outdoor install via i-Gate enclosure or Din Rail installed into the gate motor.

DETAILS	
Weather Rating Din Rail	IP20
Weather Rating Outdoor encloser	IP67
Relay Type	N/O, N/C & COM (Trigger Only)
Switching Socket (Relay)	3A
Relay pulse time	0.3 sec - 4 sec
Working frequency	WIFI (b/g/n) 2.4Ghz
Network topology	Wireless Communication
Charging block	8-36V AC/DC

IGATE-WIFI-ENC
i-Gate enclosure for outside install.

IGATE-WIFI
i-Gate Din Rail for inside enclosure install.

Voice control via alexa.



Control at your fingertips through our app, ensuring seamless and convenient operation.

Features:

- Add multiple devices to one app.
- Activate relay via app.
- Share devices with other users.
- Change device icon/animation to suit customers use.
- Adjust relay activation time.
- Activity log.

Plus, more features coming soon.

App Store Google Play

**App visuals may very.*

CELLULAR

IP/4G

SPECIAL PRODUCT

SPECIAL RANGES

MODULAR - E-LOOP - TOMALOK

MODULAR RANGE

The telephone entry system ranges can be custom built to your specification! With multiple modules available to choose from, to match with your chosen Modular shell, to create your Modular System.

CELLULAR
Telephone entry system For Talking & Operating Your Door/Gates By Phone.

CELLULAR MUTLIBUTTON & MULTICOM CLASSIC.

IP-4G
Smart phone IP / 4G Video Intercom System.

PRAETORIAN GUARD.

From a single home to a block of apartments. The modular range can cater to all business and home needs. Keypad or no keypad? Card reader or no card reader? No problem it's your choice!

One example is our cellular multi-button modular; this panel can have up to 9 modular slots! Excellent for apartments with clear name display windows beside each button (max 26 call buttons). Visitors can easily see who to call. Each button calls a different phone number. Our Modular design suits any entrances whether it's a gate/door entry or gooseneck mounted.

MODULAR RANGE ACCESSORIES

Speaker modules:

MOD-GSM-1B-US

CELLULAR SINGLE BUTTON/WINDOW

MOD-PRIME7

CELLULAR SINGLE BUTTON

MOD-GSM-US

CELLULAR SINGLE BUTTON
CELLULAR MUTLIBUTTON
MULTICOM CLASSIC

MOD-PRAE

PRAETORIAN IP-4G

Call button modules:

MOD-1B

1 Button Module

CELLULAR MUTLIBUTTON

MOD-2B

2 Button Module

CELLULAR MUTLIBUTTON

MOD-3B

3 Button Module

CELLULAR MUTLIBUTTON

MOD-4B

4 Button Module

CELLULAR MUTLIBUTTON

MOD-5B

5 Button Module

CELLULAR MUTLIBUTTON

Keypad modules:

MOD-PRIME-KP

Illuminated keypad

CELLULAR SINGLE BUTTON CELLULAR MUTLIBUTTON

MOD-PRIME-PX-KP

Combined Prox & keypad

CELLULAR SINGLE BUTTON CELLULAR MUTLIBUTTON

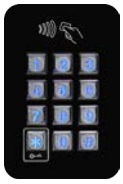
MOD-IP-KP

Illuminated keypad

PRAETORIAN IP-4G

MOD-IP-PX-KP

Combined Prox & keypad



PRAETORIAN IP-4G

MOD-ASSM-KP

Illuminated keypad

MULTICOM CLASSIC

MOD-ASSM-PX-KP

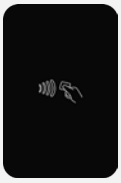
Combined prox & keypad

MULTICOM CLASSIC

Misc modules:

MOD-PRIME-PX

Prox



MOD-BLANK

Blank Module

MOD-INFO

Illuminated info window

CAN BE USED ACROSS ALL RANGES

MOD-CLASSIC

Illuminated info window with scroll buttons.

MULTICOM CLASSIC

MOD-USPS

USPS Postal Cutout

MULTICOM CLASSIC

SPECIAL PRODUCT

All back box panels are available in:

PEDESTAL
MOD-PB

IMPERIAL
MOD-IB

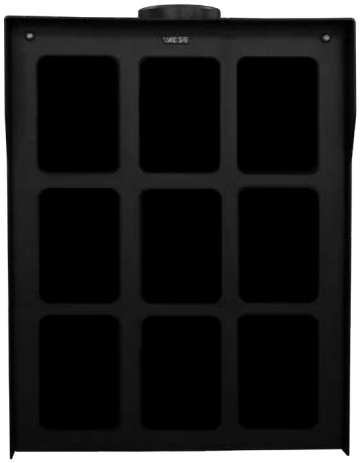
FLUSH
MOD-FB

PEDESTAL RANGE

MOD-PB-1X1

MOD-PB-2X2

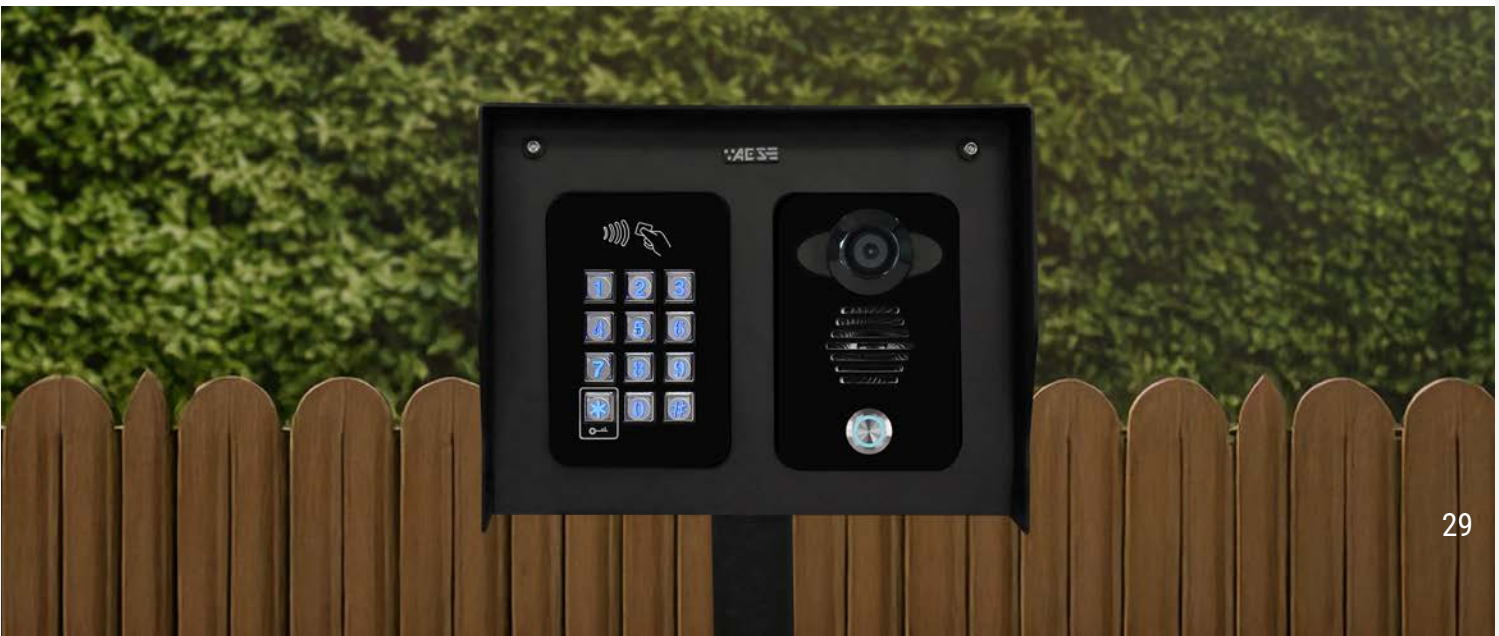
MOD-PB-2X3



MOD-PB-3X3 (13”H x 17.8”W)

MOD-PB-1X2

MOD-PB-1X3



e-LOOP Mini

WIRELESS VEHICLE DETECTION SYSTEM

The e-Loop Mini replaces traditional wired inductive loops, saving you time and money while increasing reliability!

Domestic Wireless Vehicle Detection System uses magnetometer sensors to detect the presence and movement of vehicles. These detections are transmitted to a nearby transceiver for gate activation. The sensors are installed on the surface of entry or exit passages using concrete fixing bolts, and contain two replaceable AA batteries.

For low-traffic single residential/ domestic settings.

FEATURES

- Quick and easy installation.
- Small compact design (120mm x 120mm x 30mm high) (4.7" x 1.1").
- Static load capacity 2.7 Tons.
- High security 128-bit encryption.
- Range up to 50 meters/yards.

Uses standard 1.5V AA Lithium batteries (included), 3-4 years of battery life depending on mode.

Now available in presence mode. This mode intelligently keeps gates/entrance open for an extended duration when longer vehicles are in motion over the detection area.

PRESENCE MODE WITH ADDED RADAR PROTECTION.

Dual sensor technology. Magnetic field and Radar detection.

EL00M-RAD

E-loop Mini Domestic loop ONLY PRESENCE MODE.

1 x e-Loop Mini domestic **Presence mode**.

EXIT MODE.

Magnetic field and Radar detection.

EL00M

E-loop Mini Domestic loop ONLY EXIT MODE.

1 x e-Loop Mini domestic **Exit mode.**

Kits with Trans 50:

EL00M-RAD-K

E-loop Mini Domestic loop kit PRESENCE MODE.

1 x e-Loop Mini **Presence mode**.
1 x e-Trans 50.
2 x Concrete fixing bolts.

EL00M-K

E-loop Mini Domestic loop kit EXIT MODE.

1 x e-Loop Mini **Exit mode**.
1 x e-Trans 50.
2 x Concrete fixing bolts.

Kits with Trans 100:

EL00M-RAD-KT

E-loop Mini Domestic loop kit PRESENCE MODE with 2 channel transceiver.

1 x e-Loop Mini **Presence mode**.
1 x e-Trans 100.
2 x Concrete fixing bolts.

EL00M-KT

E-loop Mini Domestic loop kit EXIT MODE with 2 channel transceiver.

1 x e-Loop Mini **Exit mode.**
1 x e-Trans 100.
2 x Concrete fixing bolts.

Kits with Trans 200:

EL00CM-RAD-KLT

E-loop Mini Domestic loop kit PRESENCE MODE with LCD Transceiver.

1 x e-Loop Mini **Presence mode**.
1 x e-Trans 200.
2 x Concrete fixing bolts.

EL00M-KLT

E-loop Mini Domestic loop kit EXIT MODE with LCD Transceiver.

1 x e-Loop Mini **Exit mode.**
1 x e-Trans 200.
2 x Concrete fixing bolts.

Commercial e-Loops

EL00C-RAD

Save hours of installation time compared to wired loop systems.

Both e-loop models are available in two modes: **PRESENCE MODE WITH ADDED RADAR PROTECTION** (Holds gate open when a vehicle is over loop). OR **EXIT MODE.**

- Quick and easy installation.
- Not effected by ground movement.
- High security 128 bit encryption.
- Range 50 metres/yards.
- IP68.

Commercial E-loop Surface Mounted.

- Dual sensing technology. (EL00C-RAD only).
- Compact profile – (220mm x 28mm) (8.6" x 1.1").
- 10600 mA battery (included) giving up to 6-10 years battery life (depending on mode).
- Made of high-impact plastic (11 ton static load limit).

EL00IG-RAD

Commercial Inground E-loop.

- Dual sensing technology. (EL00IG-RAD only).
- Recesses into the driveway – 55mm in ground height x 89mm diameter (2.1" x 3.5" Inches).
- 14500 mA battery (included) giving up to 6-10 years of battery life (depending on mode).
- Top access for changing the battery.

PRESENCE MODE WITH ADDED RADAR PROTECTION.

Dual sensor technology. Magnetic field and Radar detection.

EXIT MODE.

Magnetic field and Radar detection.

Kits with Trans 50:

EL00C-RAD-K

e-Loop Commercial Radar Loop kit PRESENCE MODE.

1 x e-Loop **Presence mode**.
1 x e-Trans 50.
2 x Concrete fixing bolts.
1x Magnet.

EL00C-K

e-Loop Commercial Radar Loop kit EXIT MODE.

1 x e-Loop **Exit mode**.
1 x e-Trans 50.
2 x Concrete fixing bolts.
1x Magnet.

EL00IG-RAD-K

e-Loop inground commercial Radar loop PRESENCE MODE.

1 x e-Loop inground **Presence mode**.
1 x e-Trans 50.
1x Magnet.

EL00IG-K

e-Loop inground commercial loop kit EXIT MODE.

1 x e-Loop inground **Exit mode**.
1 x e-Trans 50.
1x Magnet.

Kits with Trans 100:

EL00C-RAD-KT

e-Loop Commercial Radar Loop kit PRESENCE MODE with LCD Transceiver.

1 x e-Loop **Presence mode**.
1 x e-Trans 100.
2 x Concrete fixing bolts.
1x Magnet.

EL00C-KT

e-Loop Commercial loop kit EXIT MODE with LCD Transceiver.

1 x e-Loop **exit mode.**
1 x e-Trans 100.
2 x Concrete fixing bolts.
1x Magnet.

EL00IG-RAD-KT

e-Loop inground commercial Radar loop PRESENCE MODE with a 2-channel transceiver.

1 x e-Loop inground **Presence mode**.
1 x e-Trans 100.
1x Magnet.

EL00IG-KT

e-Loop inground commercial loop kit EXIT MODE with a 2-channel transceiver.

1 x e-Loop inground **Exit mode**.
1 x e-Trans 100.
1x Magnet.

Kits with Trans 200:

EL00C-RAD-KLT

e-Loop Commercial Radar Loop kit PRESENCE MODE with LCD Transceiver.

1 x e-Loop **Presence mode**.
1 x e-Trans 200.
2 x Concrete fixing bolts.
1x Magnet.

EL00C-KLT

e-Loop Commercial loop kit EXIT MODE with LCD Transceiver.

1 x e-Loop **exit mode.**
1 x e-Trans 200.
2 x Concrete fixing bolts.
1x Magnet.

EL00IG-RAD-KLT

e-Loop inground commercial Radar loop PRESENCE MODE with LCD Transceiver.

1 x e-Loop inground **Presence mode**.
1 x e-Trans 200.
1x Magnet.

EL00IG-KLT

e-Loop inground commercial loop kit EXIT MODE with LCD Transceiver.

1 x e-Loop inground **Exit mode**.
1 x e-Trans 200.
1x Magnet.

WIRED VEHICLE DETECTION SYSTEM

Wired system that has been designed for high operational sites.

The quick and easy solution to fitting wired induction loops. Just one simple line trace to cut or cover the wire with a cable cover for a complete surface mount option, without the need for any site work.

FEATURES

- Fully potted for 100% water protection.
- Available in presence mode with magnetic field and Radar detection (EL00W-RAD) .
- Exit mode with magnetic field detection (EL00W).
- 6 core 0.1" diameter 10.9 yrds long.
- 11 ton static load limit.
- Compact profile – 2.7" Loop (inside), 4.7" diameter (with outside shell), 0.7" high (IP68).
- High-security 128-bit encryption.

Fitting options:

Surface Mount

Flush Mount

Concealed Mount (Exit Mode Only)

EL00W-RAD

e-Loop wired Radar kit PRESENCE MODE.

1 x e-Loop Wired **Presence Mode**.
2 x Concrete fixing bolts.

EL00W

e-Loop wired kit EXIT MODE.

1 x e-Loop Wired **Exit Mode.**
2 x Concrete fixing bolts.

e-Loop with e-Trans-Plus plug in.

Get more out of the e-Loop by connecting the e-Trans-plus plug-in. This device plugs into our latest I-gate unit the I-Gate-Plus, which gives the user extra features.

- Set auto relay times.
- Set do not disturb times.
- SMS low battery notification.
- Set e-Loop lock out times.
- Program mode.

E-TRANS-PLUS

I-GATE-PLUS

Programmable with the AES LITE APP*.

PRESENCE MODE WITH ADDED RADAR PROTECTION.

Dual sensor technology - Magnetic field and Radar detection.

EXIT MODE.

Magnetic field detection.

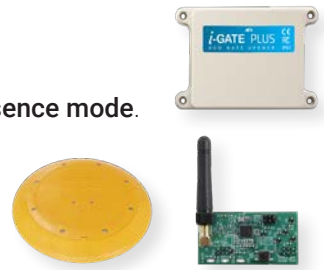
EL00M-RAD-KPT

1 x e-Loop **Mini Exit mode**.
1 x e-Trans-Plus (Plug in).
1 x I-Gate-Plus.
2 x Concrete fixing bolts.

Commercial Kits:

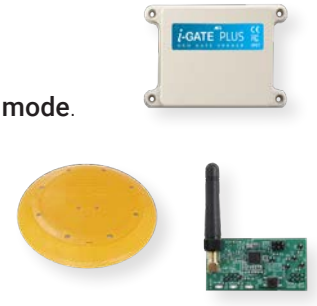
EL00C-RAD-KPT

1 x e-Loop commercial **Presence mode**.
1 x e-Trans-Plus (Plug in).
1 x I-Gate-Plus.
2 x Concrete fixing bolts.
1x Magnet.



EL00C-KPT

1 x e-Loop commercial **Exit mode**.
1 x e-Trans-Plus (Plug in).
1 x I-Gate-Plus.
2 x Concrete fixing bolts.
1x Magnet.



EL00IG-RAD-KPT

1 x e-Loop inground **Presence mode**.
1 x e-Trans-Plus (Plug in).
1 x I-Gate-Plus.
1x Magnet.

EL00IG-KPT

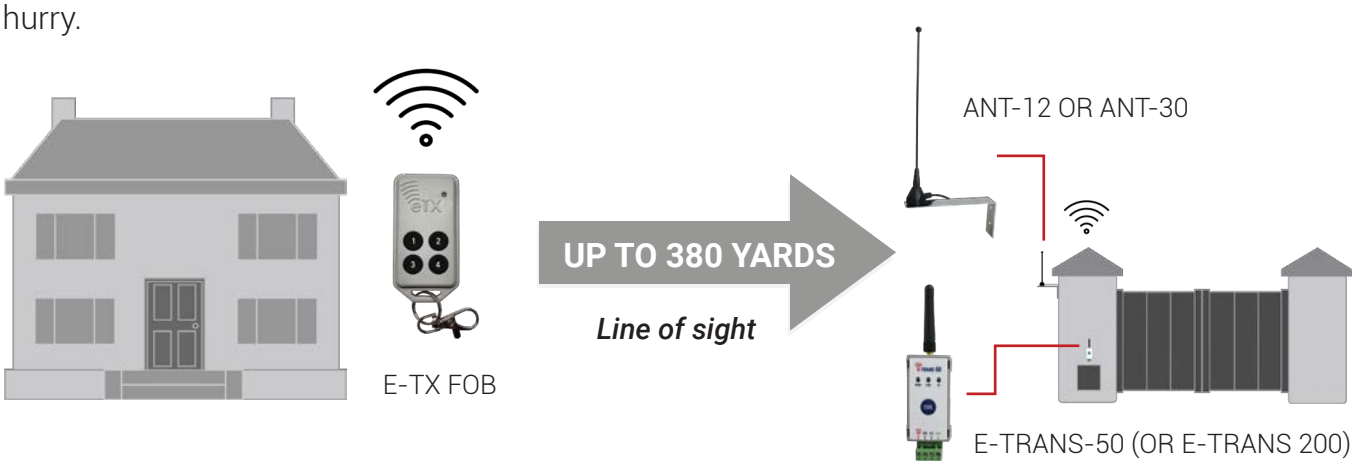
1 x e-Loop inground **Exit mode**.
1 x e-Trans-Plus (Plug in).
1 x I-Gate-Plus.
1x Magnet.

SPECIAL PRODUCTS

*Full app functionality will be released at a later date. Direct SMS commands can be used.

e-Loop Long Range Gate Opening System.

Our long-range gate opening system offers homeowners unparalleled convenience by eliminating the need to physically approach the gate. With a simple push of a button on a fob (E-TX), homeowners can effortlessly open or close their gates from the comfort of their homes. This feature is particularly useful during inclement weather, late-night arrivals, or when in a hurry.



With the ability to open gates from up to a range of 380 yards (490/545 yards options).

KITS WITH 380 YARDS ANTENNA

ETRANS50-TX-KIT

4 x E-TX - Fobs.
1 x ANT-12 - 12 dBi Antenna.
1 X ETRANS50 - Transceiver.

ETRANS100-TX-KIT

4 x E-TX - Fobs.
1 x ANT-12 - 12 dBi Antenna.
1 X ETRANS100 - 2-channel transceiver.

ETRANS200-TX-KIT

4 x E-TX - Fobs.
1 x ANT-12 - 12 dBi Antenna.
1 X ETRANS200 - LCD Transceiver.

KITS WITH 490/545 YARDS ANTENNA

ETRANS50-TX-LR-KIT

4 x E-TX - Fobs.
1 x ANT-30 - 30 dBi Antenna.
1 X ETRANS50 - Transceiver.

ETRANS100-TX-LR-KIT

4 x E-TX - Fobs.
1 x ANT-30 - 30 dBi Antenna.
1 X ETRANS100 - 2-channel transceiver.

ETRANS200-TX-LR-KIT

4 x E-TX - Fobs.
1 x ANT-30 - 30 dBi Antenna.
1 X ETRANS200 - LCD Transceiver.

e-Loop Accessories

Transceivers / Remotes / Antenna.

ETRANS50

E-Trans 50 Transceiver.

ETRANS100

E-Trans 100 - 2 channel transceiver.

ETRANS200

E-Trans LCD 200 Transceiver.

EDR00

Diagnostic remote. Bidirectional remote – the ideal tool for the e-Loop range.

E-TX

4 Key Fob Remote Control. Compatible with all (e-Loop) transceiver products.

E-REMOTE

3 Channel transmitter with lock and unlock function. Use with 200 Code receiver.

E-KEYPAD

Remote Push button/ Keypad 4 Number 8 Combination.

ANT-12

12 dBI antenna for the e-Loop range.

ANT-30

30 dBI antenna for the e-Loop range.

E-TRIGGER

Wireless relay bridge

With the e-Trigger device you no longer need to wire an intercom (or another 3rd party device) directly into a gate motor. This unit connects to a wireless transceiver housed & connected to the gate motor.

When the gates have been triggered, the e-Trigger device creates a wireless bridge to the transceiver on the gate motor, activating the relay and opening the gates.

Tomalok

The Electric Gate Lock

The Tomalok combines robust engineering and state of the art innovation. With a sleek design, the electric drop bolt seamlessly integrates into your gate system, offering a discreet yet powerful safeguard.

Lifting force 30N.

Overcurrent trip: yes.

Current:
Standby 240mA.
Peak 380mA.
Activated 320mA.

Battery backup time: over 24hrs + 20 operations.

Trigger method: volt free and 24v dc compatible, constant and pulsing compatible.

Manual override: yes.

Pin: 150mm Stroke - 20mm diameter stainless steel pin.

Stainless steel: Marine grade Stainless steel BS316. (Black unit is powder coated)

Power: 24v dc.

Power cable: 4 core 5 metres included.

Power supply type: Din rail 24v dc included.

Ground keeper: optional 2 types (with / without gate stop).

Mounting method: M4 jack nuts (included).

Min recommended gate profile: 50mm box.

Unit weight: 9.9 lbs.

Accessories included:
Power supply, protective flexi cable, jack nut fixing tool, keys.

Gate bolt & power supply kits.

TL-S-150-K

Tomalok Electric Drop Bolt in Stainless. 150mm with 24v Din Rail Power Supply.

TL-B-150-K

Tomalok Electric Drop Bolt in Black - 150mm with 24v Din Rail Power Supply.

TL-SB-150-K

Tomalok Electric Drop Bolt in Black and Stainless - 150mm with 24v Din Rail Power Supply.

TL-A-150-K

Tomalok Electric Drop Bolt in Anthracite Grey - 150mm with 24v Din Rail Power Supply.

Gate bolt, ground stop & power supply kits.

TL-S-150-KIT

Tomalok Electric Drop Bolt in Stainless - 150mm with 24v Din Rail Power Supply and Ground Stop.

TL-B-150-KIT

Tomalok Electric Drop Bolt in Black - 150mm with 24v Din Rail Power Supply and Ground Stop.

TL-SB-150-KIT

Tomalok Electric Drop Bolt in Black and Stainless - 150mm with 24v Din Rail Power Supply and Ground Stop.

TL-A-150-KIT

Tomalok Electric Drop Bolt in Anthracite Grey - 150mm with 24v Din Rail Power Supply and Ground Stop.

Gate bolt, ground plate & power supply kits.

TL-S-150-KIT2

Tomalok Electric Drop Bolt in Stainless - 150mm with 24v Din Rail Power Supply and Ground Plate.

TL-B-150-KIT2

Tomalok Electric Drop Bolt in Black - 150mm with 24v Din Rail Power Supply and Ground Plate.

TL-SB-150-KIT2

Tomalok Electric Drop Bolt in Black and Stainless - 150mm with 24v Din Rail Power Supply and Ground Plate.

TL-A-150-KIT2

Tomalok Electric Drop Bolt in Anthracite Grey - 150mm with 24v Din Rail Power Supply and Ground Plate.

Gate bolt units.

TL-S-150

Tomalok Electric Drop Bolt in Stainless - 150mm.

TL-B-150

Tomalok Electric Drop Bolt in Black - 150mm.

TL-SB-150

Tomalok Electric Drop Bolt in Black and Stainless - 150mm.

TL-A-150

Tomalok Electric Drop Bolt in Anthracite Grey - 150mm.

TL-GS

Tomalok Ground Stop.

TL-GP

Tomalok Ground Plate.

TL-24V

Tomalok 24v Din Rail Power Supply.

TL-KEY

Tomalok Set of Keys (2).

TL-BAT

Tomalok Battery (1).

TL-BAT

Tomalok Set of Batteries (3).

TL-PCB

Tomalok Main Control PCB.

Pedestal Adaptor

We have created a special adapter plate for pedestals/goosenecks.
If you like the aesthetics of our Architectural and Imperial range, you can now mount them on a pedestal/gooseneck using our adaptive plate.

Very easy to install. Simply attach unit to the front plate, then marry up the front plate to the back plate which is mounted to the gooseneck and secure using 4 nuts.

Architectural Panels Mounting Plates

ABK-PED-B-PLT

Architectural black powder coated mounting plate for European Architectural panels (*gooseneck applications). Kit comes with gooseneck mount plate and intercom mount plate.

ABK-PED-SS-PLT

Architectural stainless steel mounting plate for European Architectural panels (*gooseneck applications). Kit comes with gooseneck mount plate and intercom mount plate.

Imperial Panels Mounting Plates

IBK-PED-B-PLT

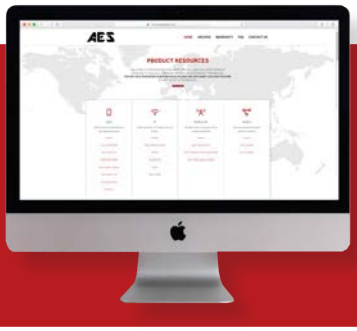
Black powder coated mounting plate for European Imperial panels (*gooseneck applications). Kit comes with gooseneck mount plate and intercom mount plate.

IBK-PED-SS-PLT

Stainless steel mounting plate for European Imperial panel (*gooseneck applications). Kit comes with gooseneck mount plate and intercom mount plate.

***Gooseneck not included.**

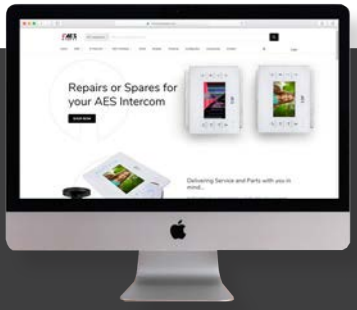
RESOURCES



Product Resources

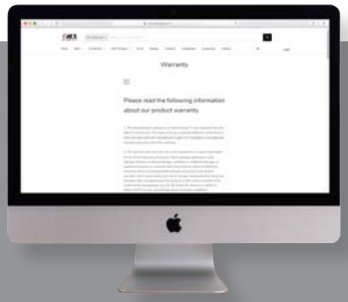
Manuals - Quick Start Guides -
Firmware - Videos - Cutsheets.

aesdownloads.bitrix24.site



Visit our AES Parts website for any spare parts.

aesglobalparts.us (US-CA)



All our products already come with a 2 year warranty, if you register with us today we will give you an extra 1 year. Offer available in selected countries only. Warranty must be registered within 90 days of purchase. Proof of purchase required.

aesdownloads.bitrix24.site/warranty

AES Global Telecoms Ltd - With our sim card packages you can get connected to your intercom. We have packages available in multiple networks covering UK, Ireland, USA, & Europe.

aesglobaltelecom.com

Contacts:

Main website: aesglobalus.com

For tech support:

E. tech@aesglobalus.com

T. +1 (321) 900 4599

Live chat on website.

For sales support:

E. sales@aesglobalus.com

T. +1 (321) 900 4599

Live chat on website.

For sim card support:

E. support@aesglobaltelecom.com

T. +44 (0) 288 639 0 693

Live chat on website.

aesglobalus.com
sales@aesglobalus.com
tech@aesglobalus.com
+1 (321) 900 4599

Suite 1016, 1333 Gateway Drive, Melbourne, FL, USA, 32901.

Updated NOV 2024.