



PRODUCT CATALOG

ACCESS THE FUTURE

2026



01/01/2026
IMAGINATION ILLUSTRATION PURPOSES
AES IS AN ISO 9001:2015 CERTIFIED



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. Every product comes with at least a **2-year warranty** – and the **Multi-Opyn only** is backed by an **impressive 5-year warranty**, and all products come with 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 powder 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.





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IP/CELLULAR VIDEO

IP/CELLULAR VIDEO

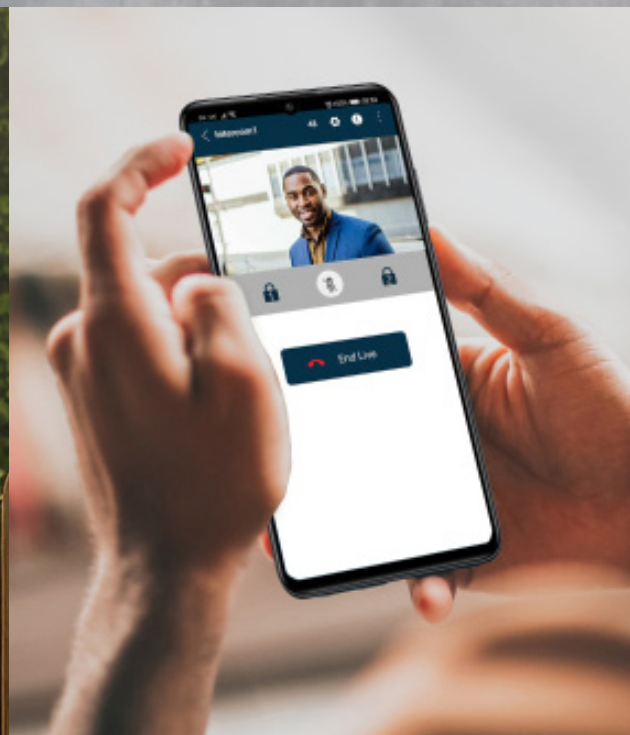
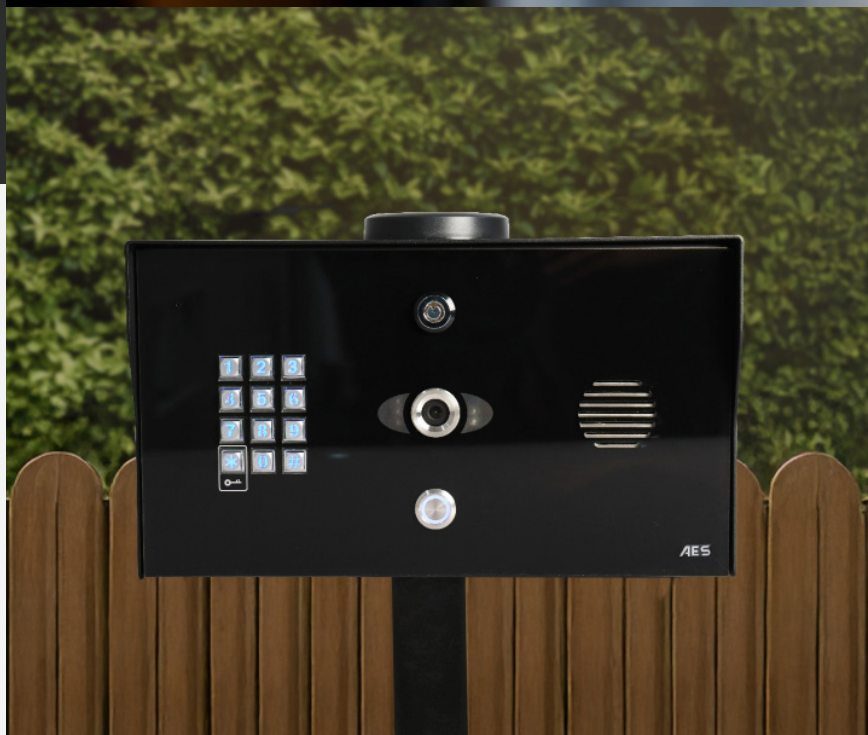


Video IP Telephone Entry Systems - IP Gate Switch.

CELLULAR AUDIO

E-LOOP

SPECIAL PRODUCT



Opyn

Advanced IP Video Telephone Entry System

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

Establish a connection using an Ethernet connection.
4G kits offer Internet access through a separate 4G router that is included with a compatible SIM card.

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



2x Relays.



Nightvision.



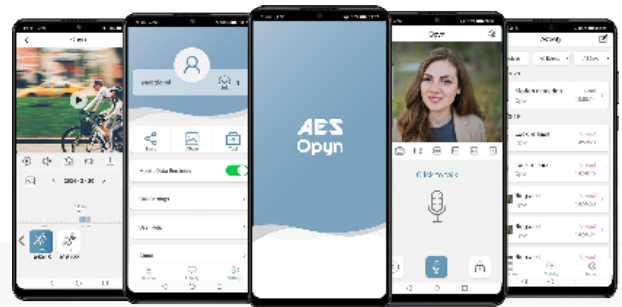
LED Luminance
(Night time).



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.



7-Day App Activity Log



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 Resources	SD Card	Power Consumption	300mA on dial out, 2amp peak demand
WIFI (2,4 & 5 GHz)	Yes*	Working Voltage	24V DC, 48V POE
Ethernet	Yes*	SD Card	128GB Max (8GB card included)
Operation Temperature	-20 to +55	Camera Angle	150°(D) 130°(H) 70°(V)
IP Rating	IP54	Video Resolution	1080, 720, 640*360

*Wifi antenna sold separately.

Kits & part numbers

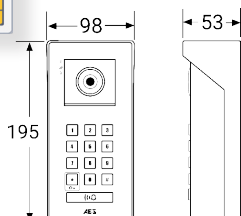


OPYN-4G-IBK-US

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



Works with our multi network AESIM.
aesglobaltelecom.com



robustel

4G Kits with 4G Robustel Router.

- Free cloud management platform for basic troubleshooting (advanced troubleshooting available for fee)
- Supplied in a waterproof enclosure that requires an Ethernet cable to be connected between router and device)
- SmartRoaming V2 for true multi-network sim computability. Plans available from AES Telecoms.



OPYN-IP-IBK-US

Kit comes with hooded imperial video intercom 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.**

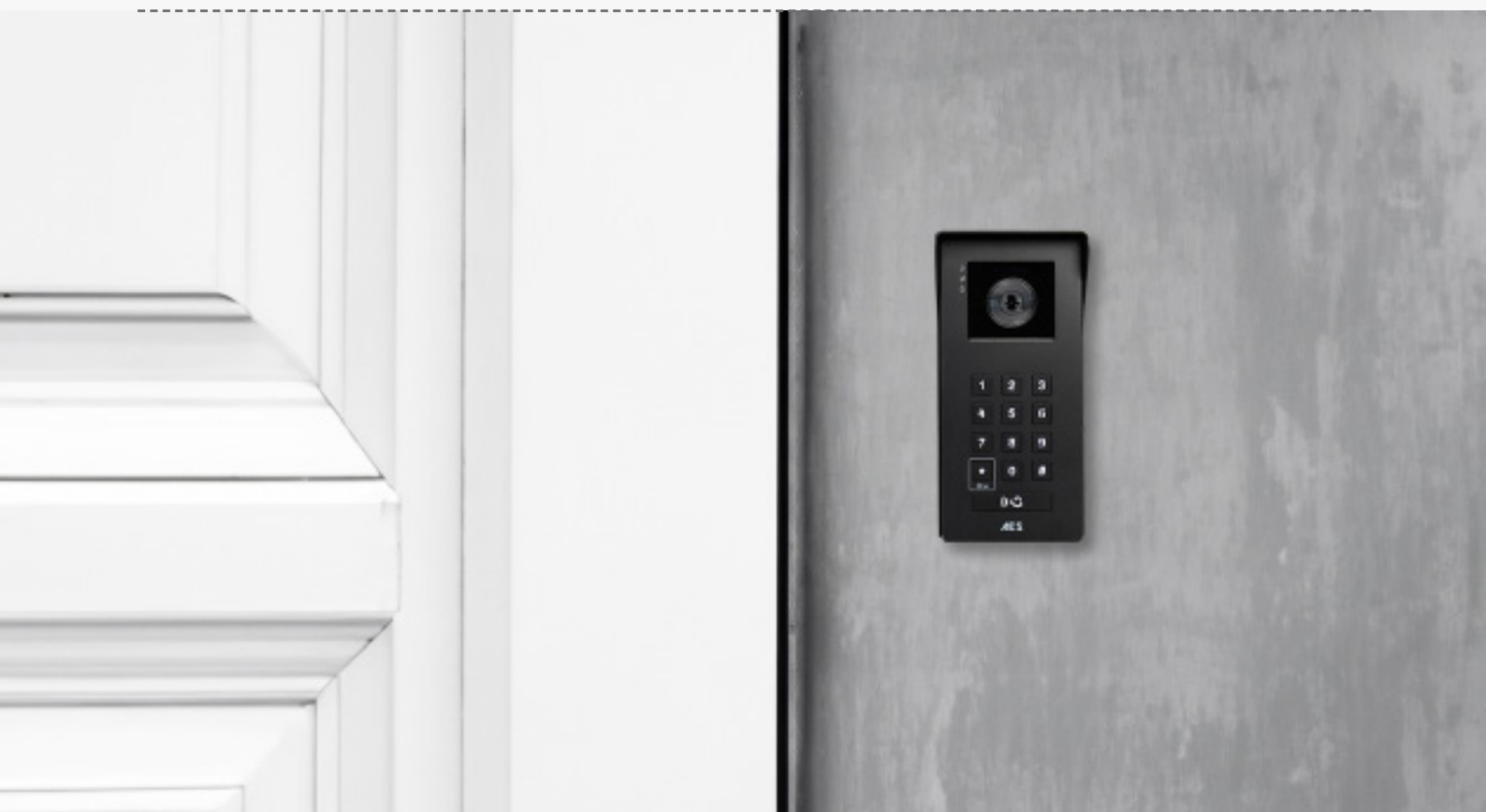
WIFIA-10-KIT

2.4Ghz Wifi Antenna with 10m Lead. Including a mounting bracket.



OPYN 45 Degree Bracket

Ensure your Opyn Video Intercom is positioned exactly where it needs to be. The new 45° Angle Bracket makes installation more flexible and improves usability for both drivers and pedestrians.





Accessories

OPYN-MON

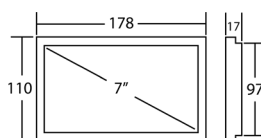
IP - Touchscreen Monitor. The Opyn monitor can be purchased as an **added accessory to all kits***.

- Wall mountable touchscreen monitor (1024x600/1280x800 Resolution), compatible with the Opyn system.
- 7" IPS screen.
- 10" IPS Screen
- SIP Integration.
- IP Camera Integration.
- Android App Integration.
- Wi-Fi & Ethernet connections.

7" IPS screen



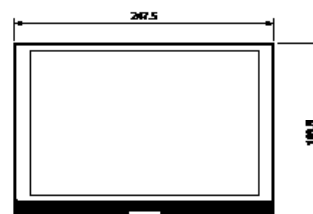
OPYN-MON-US



10" IPS screen



OPYN-MON-10-US



OPYN-MON-DESK

A desk mount bracket is available for the 7" monitor.
(Sold separately)

*The Opyn-Mon is sold separately and can be used as an optional accessory with the Opyn, Opyn-Pro, and Opyn-Multi ranges.



Opyn-Pro²⁰²⁶

IP Video Telephone Entry System

Introducing the Opyn-Pro, the latest addition to our Opyn range. We've integrated our Opyn technology into our iconic intercom design.

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

Establish a connection using an Ethernet connection. 4G kits offer Internet access through a separate 4G router that is included with a compatible SIM card.

- 2x Relay Outputs
- - Night Vision (IR)
- - LED Backlighting (ABK Model Only)
- - Voice Control Actions via Alexa/Google Integration
- - Prox Reader
- - Customizable LED Illumination (Keypad & Button, White or Blue)

*Flush Options are available upon request



ABK-US

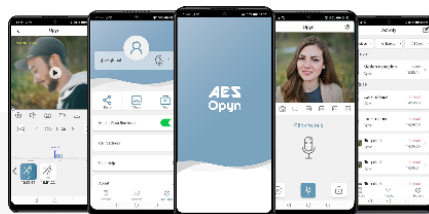


PSK-US



PBK-US

Opyn App



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.



7-Day App Activity Log.



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 each	Relay Load	3A, 30V DC/250AC
Activity Log Resources	SD Card	Power Consumption	24V, 800mA, 48V, 400mA POE - 250mA
WIFI (2,4 & 5 GHz)	Yes*	Working Voltage	24V DC, 48V POE
Ethernet	Yes*	SD Card	128GB Max (8GB card included)
Operation Temperature	-30 to +65	Camera Angle	120°(D) 109°(H) 65°(V)
IP Rating	IP55	Video Resolution	1080, 720

*Antenna required & sold separately

Kits & part numbers

OPYN-PRO-4G-ABK-US



- Architectural unit with backlit, black powder-coated stainless-steel wings.
- 4G Robustel modem, with SIM card options, sold separately.
- Power supply.

Works with our multi network AESIM.
aesglobaltelecom.com



OPYN-PRO-IP-ABK-US



- Architectural unit with backlit, black powder-coated stainless-steel wings.
- POE Switch

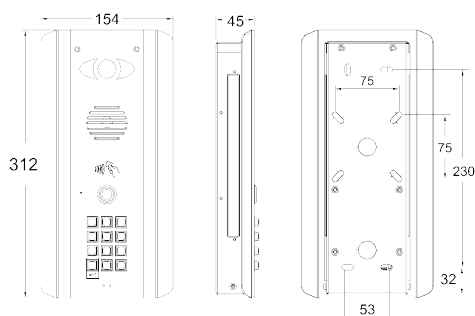
*For a more reliable connection, we recommend using a wired or 4G connection.

WIFIA-10-KIT

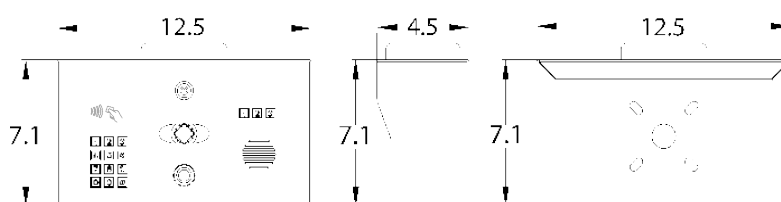
2.4Ghz Wifi Antenna with 10m Lead. Including a mounting bracket.



Architectural ABK-US



PBK-US & PSK-US



KEY-AUX-PBK-US

Add a Key Aux PBK to any of our Opyn Systems for added security.



Opyn-multi²⁰²⁶

IP Multi-Apartment Telephone Entry System

The Opyn-multi IP video entry system is an android-based system with a touch-screen experience. With a 7-inch LCD display, the system is capable of many interactive aspects. The Opyn-multi will be available with a direct Ethernet cable connection or as a 4G kit which comes supplied with a cellular router and compatible SIM card plans* to choose from.

*SIM Card Plans are a monthly/yearly subscription purchased separately.



Facial recognition unlocking for quick and effortless access.



QR code unlocking with options for timed or temporary access.



Option to add multiple screensavers, displaying up to 3 that rotate every 30 seconds (9:16 ratio).



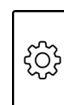
1x WIEGAND Input



Visitors call an apartment from home screen.



7" IPS LCD Display. RES: 600x1024.



Customise, screen brightness & volume/tones/alarm settings.



Nightvision LED strip.



Tamper Alarm.



ONVIF Compatible



2x Relays.

Details

Keypad Codes / Prox cards & tags	10,000 Each	Relays	2
QR Codes	10,000	Relay Type	N/C and N/O
Facial Recognition	10,000	Relay Load	3A, 30V DC/250AC
Activity Log resources	Cloud Storage	Power Consumption	12V MAX - 1.58A, 48V Max - 0.40A
Max Users (Share device via app, qr or link)	Unlimited	Power Supply	12-15V DC / 48V POE (802.3AF)
ETHERNET (IEEE 802.3)	Yes	Camera	2 Megapixels
Operation Temperature	-40 to +65	Display Resolution	HD-1080P, SD-720P, LD-640*360P
IP Rating	IP65	Night Vision	IRCUT, Infrared LED
Protocol	Wiegand 26 & 34	Frequency	13.56Mhz (MIFARE & NFC)

Kits & part numbers

4G Kits

All kits are available in 2 options. Surface Mount & Flush Mount. 4G kits include a cellular router and compatible SIM card plans* to choose from.

OPYN-MULTI-4G-IB-US

Surface-mount black powder coated enclosure accessible via keylock with a hinged door. Cellular router & antenna pre-mounted for convenient install.



OPYN-MULTI-4G-FB-US

Flush-Mount device with backbox to recess into wall or pillar to secure the device to. Cellular router & antenna comes separate.



*If cell signal is not strong enough in the mounting location and external antenna purchased separately may need fitted for full service.



Works with our multi network AESIM.

aesglobaltelecom.com

IP Kits

IP kits require a direct Ethernet connection for network connection and is POE compatible for convenient install.

OPYN-MULTI-IP-IB-US

Surface-mount black powder coated enclosure accessible via keylock with a hinged door. Direct Ethernet connection. POE PSU Supplied.



OPYN-MULTI-IP-FB-US

Flush-Mount device with backbox to recess into wall or pillar to secure the device to. Direct Ethernet connection. POE PSU Supplied.



Please Note: Housing style may vary from the image shown depending on stock availability.



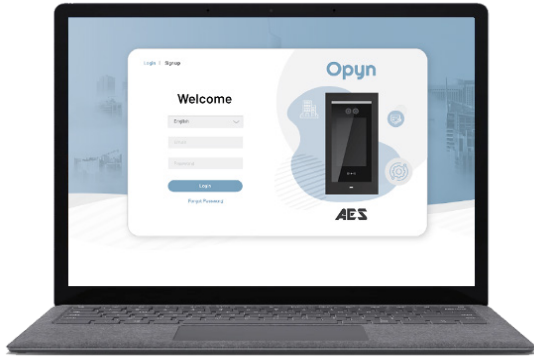
Opyn-Multi

INTERACTIVE ACCESS, ANYWHERE

5-5-1 PACKAGE DEAL

- 5-year warranty
- 5-year license price lock
- 1-license free for 1 YEAR!

Lock in your pricing from Jan 1, 2020 through Dec 31, 2030 and beat the rising costs for homeowners associations and property managers!



Management Portal.

- Create and manage sites all in one place.
- Set up users and assign each panel and user to their respective "sites/buildings".
- Adjust roles & permissions for different types of users.

*Access to the portal is free but will require licenses to be purchased when adding multiple tenants to a panel.

AES OPYN APP.

The AES Opyn mobile app is essential for panel users. It lets you manage keypad codes, facial IDs, upload profile pictures, invite users, activate locks, and more. Key features are outlined below.

- Scan QR code unlock. Ability to set validity time & the number of uses or make both unlimited.
- View and talk to caller via app, plus view live camera feed.
- View and talk to caller via app, plus view live camera feed.
- 7 Day Activity Log.



Opyn-Multi

Licence Information

What sets us apart?



Fair Pricing: Just one license per apartment - no per-user fees.



Simple Licencing: One license covers everything - no confusion, no hidden fee.



Flexible Plans: Choose from 1, 2, or 3-year options to suit your needs.



No Extra Charges: Add more devices or users and get access to all features without paying extra.

Yearly Pricing & Plans

USD

1 year - \$24

2 year - \$45
(5% discount applies)

3 year - \$65
(10% discount applies)

i-GATE WiFi

An innovative IP Switch for gates, barriers and doors!

Elevate your connectivity with our user-friendly WIFI switch solution. Choose between indoor Din Rail fitment or housed within our outdoor waterproof iGate Enclosure mounting. Connecting seamlessly to 2.4GHz WiFi networks via an external antenna, this compact device ensures clutter-free spaces with a range of up to 50+ meters (depending on router location & obstructions).

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



IGATE-WIFI-ENC-US

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.
- Door/Gate Sensor Input**
- Automatic Opening Times
- Boost (either latch relay for a predefined time, or trigger on press and trigger again once boost is finished)



*App visuals may vary.

**Sensor included.

CELLULAR AUDIO

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



Enhanced GSM Telephone Entry System

Never miss a visitor or call – this unit automatically dials your home, office, or mobile phone in sequence when someone presses the call button.

- Keypad Lockout feature enabled by default to enhance security.
- Fully customisable LED lighting in blue or white.
- Weekly Do Not Disturb (DND) times, as well as new Holiday DND feature.
- Automatic Daylight Saving Time (DST) setting.
- Customisable SMS replies to Trigger, Latch and Unlatch commands.
- 1x Wiegand Input.
- FOTA – Upgrade firmware via SMS.
- Remote SMS diagnostics features including modem reboot and dial test.
- Two-Factor Authentication (2FA) option for added security (Keypad and Prox).
- Comprehensive Events Log including Missed Calls and failed Keypad Code attempts.



PRIME-EDGE-PBK-US

Works with our multi network AESIM.
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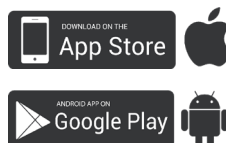
CELLULAR AUDIO

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	200mA on dial out, 2 Amp peak demand
Automatic Trigger Events per Week	50	Power Supply	24V DC (24V DC 2A adaptor included)
Caller ID Numbers	250	Prox model	125 kHz
Time Restricted Caller ID Numbers	250		



AES PRO APP

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



AES HOME APP

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

Kits & part numbers

The Cellcom Prime EDGE range is available in a variety of intercom panel options and is ADA compliant, ensuring accessibility for users with disabilities.

Each kit contains, a speech panel, power supply, digital quick start guide, sim card options, and an antenna.

CELLULAR AUDIO



PRIME-EDGE-PBK-US



PRIME-EDGE-PSK-US

KEY-AUX-PBK-US

Standalone KEY-AUX PBK keypad system. A great solution for security by covering those extra entrances/gates doors. Sounder with Adjustable volume & Prox Reader

*CAT 5 cable - 50m per power supply with max of 2 units.



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

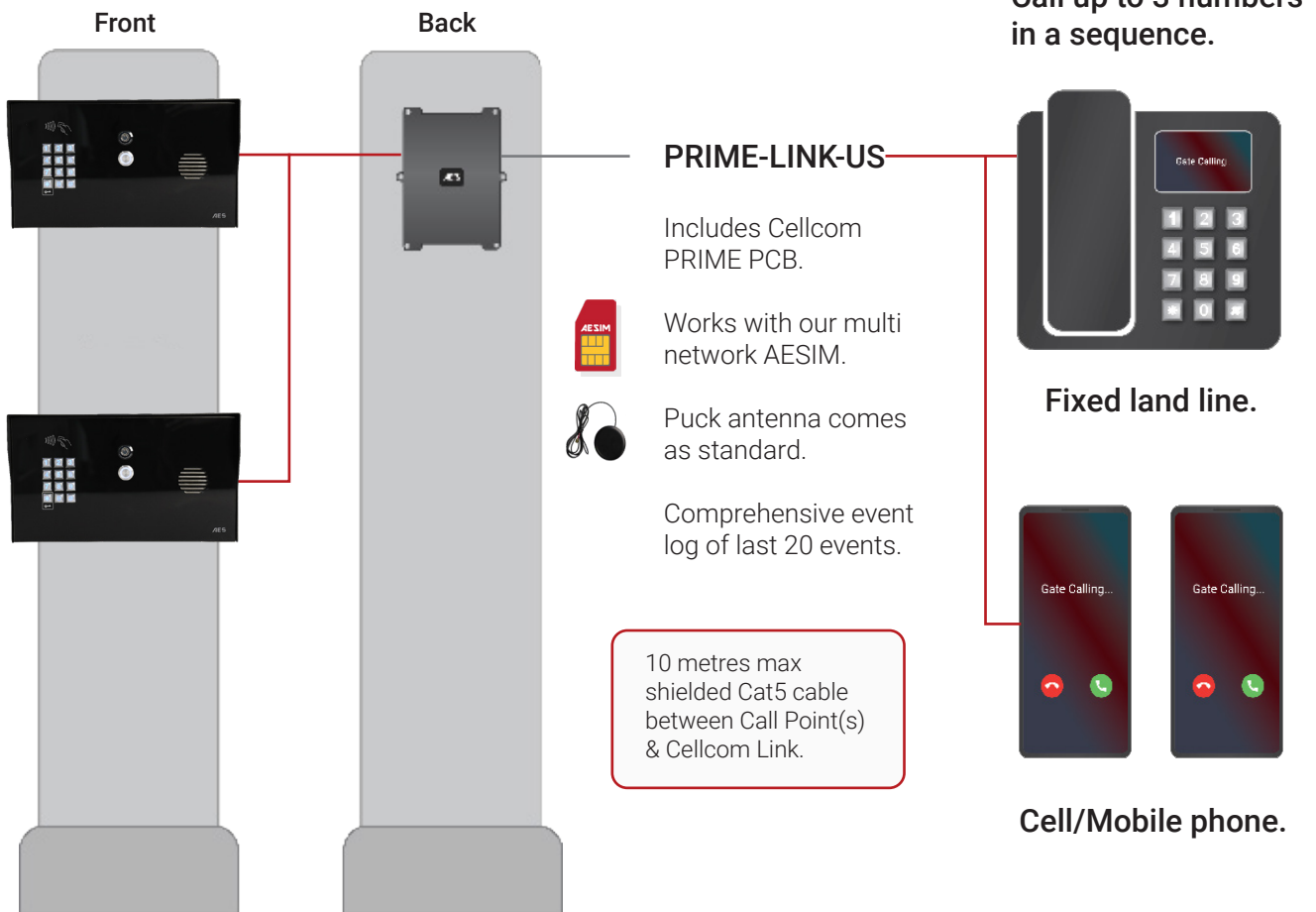


CELLCOM LINK

Multi-Call Station System

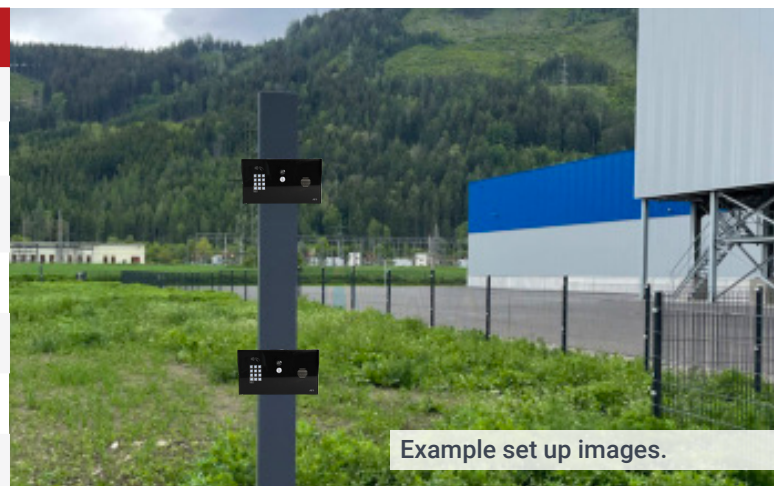
The multi-callpoint station is a system that is designed for those entry ways for both large and small vehicle access. Having two call points at separate heights but operating from one GSM module, this allows the two call points to operate from one 4G SIM card. Ideal for commercial entrances that see high traffic of both light and heavy vehicles.

Multi-call system/2 part high security.



Cellcom Speech Panel: PBK-CP-US

Features	Prime
Dial Out Numbers	4
Multi Button Connections	YES
Time Sync	SMS or NTP server
Relays	2
SMS Reboot	YES
Events Log	YES
FOTA & USB-C	YES



MULTICOM CLASSIC

Multi Tenant Cellular Audio System

- 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.

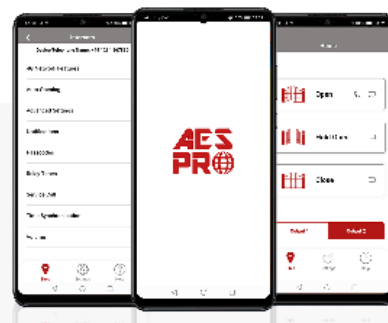


MULTI-CL-PBK-US

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

AES PRO APP

Pro app as a free app to program or manage the device via SMS. Then highlight the cloud option for advanced control and flexibility which requires a monthly fee per device.



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	2A , 24V AC max
Automatic Trigger Events per Week	10	Power Consumption	310mA on dial out, 2A peak demand
		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 Pedestal, Imperial, Imperial Modular or Flush style panels.

Each kit contains a speech panel, 24v DC power supply, SIM card* & low profile cellular antenna pre-fitted or separate depending on design.



Antenna.

MULTICOM CLASSIC OPTIONS:

Wall / Custom Pillar

Surface Mount:

MULTI-CL-IBK-US

Vertical, Surface-mount, black powder coated enclosure accessible via 2x Security Screws with a hinged door. Built-In Cellular Module & low-profile antenna provided to mount separately. LCD Screen with button arrows for scrolling the directory.



Wall / Gooseneck Mount:

MULTI-CL-PBK-US

Horizontal, Surface-mount, black powder coated enclosure accessible via keylock with a hinged door. Built-In cellular module & low-profile antenna pre-mounted for convenient install.* LCD Screen with button arrows for scrolling the directory.



MULTI-CL-PSK-US

Horizontal, Surface-mount, Full Stainless Steel enclosure accessible via keylock with a hinged door. Built-In cellular module & low-profile antenna pre-mounted for convenient install.* LCD Screen with button arrows for scrolling the directory.

MOD-CL-PBK-USPS-US

Surface-mount, black powder coated enclosure accessible via 2x security screws with a hinged door. Built-In cellular module & low-profile antenna pre-mounted for convenient install.* LCD Screen with button arrows for scrolling the directory. Custom module with micro switch pre-wired to house a USPS lock for access with event recording.**



Works with our multi network AESIM.

aesglobaltelecom.com



*If cell signal is not strong enough where the panel is mounted an external high gain antenna may need to be purchased & fitted separately for full service.

**USPS lock is not included. To obtain the lock you will need to contact your local USPS branch to request them to provide/install it.

FLUSH OPTIONS AVAILABLE TO SPECIAL ORDER

i-GATE DUAL 2026

ADVANCED CELLULAR GATE OPENER



Unlock access with a call- relay cellular switch with seamless cloud set up and full wireless e-loop compatability.

CELLULAR AUDIO



- Cloud compatible.



- E-loop integration plugin PCB.



- RGB status for instant indication of devices network connectivity.



- Push-to-exit select relay 1 or 2 and also set active times of operation.



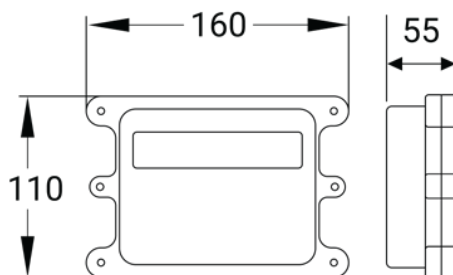
- Automatic Daylight savings time.



- Customisable SMS replies



• Part num: i-GATE-DUAL-EU



• DIMENSIONS FOR i-GATE DUAL



- Automatic APN detection on selected major networks.



- Remote SMS diagnostics features including modem reboot and dial test.



- Regular status reports-choose between daily and weekly reports to confirm online status.



- Comprehensive events log including automatic openings, push-to-exit events, and SMS and E-loop operations.



Programmable with the
AES PRO APP.



Works with our multi network
AESIM.

aesglobaltelecom.com

Details	
Weather rating	IP67
Relays	2
Relay Type	N/C and N/O
Relay Load	24V 5A
Power Consumption	30mA (standby). 80mA (when called)
Modem Model	4G
Power	12-24v AC/DC (units applied)
Caller ID number	1280
Time restricted ID Numbers	250
Automatic trigger event per week	50
Push-to-Exit timed event per week	5



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.

Voice Lite



VOICE LITE are compatible with the following intercoms:

- i-Gate Dual
- Cellcom Edge



Data Lite



DATA SIMs 1GB are compatible with the following intercom:

- OPYN
- OPYN-PRO

All data packages excl. Data Custom are available as a single-network or dual-network option.



Voice Pro



VOICE LITE are compatible with the following intercoms:

- i-Gate Dual
- Cellcom Edge



Data Pro



DATA SIMs 5GB are compatible with the following intercom:

- OPYN
- OPYN-PRO

All data packages excl. Data Custom are available as a single-network or dual-network option.



Data Enterprise



DATA SIMs 10GB are compatible with the following intercom:

- OPYN-MULTI

All data packages excl. Data Custom are available as a single-network or dual-network option.



Data Custom



DATA SIMs 300GB (If running CCTV cameras or similar equipment).

Contact us for more info



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

For sim card support:
[E. support@aesglobaltelecom.com](mailto:E.support@aesglobaltelecom.com)

CELLCOM KEYCELL

Gate/Entrance 1
KEY-MST-PBK-US



Gate/Entrance 2
KEY-AUX-PBK-US



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

- 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.*
- Keypad & Prox reader as standard.
- ADA 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.

Max distance from the main keypad is 300ft. Must use shielded 18AWG cable. AUX device may need powered locally if at max distances. If using multiple AUX devices best practice is to power them separately.

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 Unit: Keypad, Prox readers with built-in transmitter.



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

Auxiliary Pedestal: Keypads & Prox readers.



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



IP/CELLULAR VIDEO

CELLULAR AUDIO

E-LOOP

SPECIAL PRODUCT



E-LOOP

Wireless Vehicle Detection System





Mini



V4 due to release 2026/27.

WIRELESS VEHICLE DETECTION SYSTEM

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

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 (5.3" x 1.1").
- Static load capacity 5 Tonnes.
- Uses standard 2x 1.5V AA Lithium batteries (included).
- Providing up to 6 years battery life.
- High security 128-bit encryption.
- Range up to 54.7 yards.

EL00M-US

E-loop Mini Domestic loop ONLY.

1 x e-Loop Mini domestic.



EL00M-K-US

E-loop Mini Domestic loop kit.

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



EL00M-KT-US

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

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



EL00M-KLT-US

E-loop Mini Domestic loop kit with LCD Transceiver.

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



E-LOOP



Commercial e-Loops

holds gate open when an object is detected over the loop after being triggered.

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



FC
EL00C-RAD

Commercial E-loop Surface Mounted.

- Dual sensing technology.
- Compact profile – (225mm x 34mm) (8.8" x 1.3").
- 10800 mA battery (included) giving up to 10 years battery life.
- Made of high-impact plastic (15 tonne static load limit).

Commercial Inground E-loop.

- Dual sensing technology. Recesses into the driveway – 56mm in ground height x 102mm diameter (2.2 x 4 Inches).
- 19000 mA battery (included) giving up to 12 years of battery life.
- Top access for changing the battery.



CE
EL00IG-RAD



E-LOOP



PRESENCE MODE WITH ADDED RADAR PROTECTION.

Dual sensor technology. Magnetic field and Radar detection.

Kits with Trans 50:

EL00C-RAD-K-US

e-Loop Commercial Radar Loop kit.

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



EL00IG-RAD-KT-US

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-RAD-K-US

e-Loop inground commercial Radar loop PRESENCE MODE.

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



Kits with Trans 200:

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.



Kits with Trans 100:

EL00C-RAD-KT-US

e-Loop Commercial Radar Loop kit PRESENCE MODE with a 2-channel transceiver.

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



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.





Light Industrial

Engineered for resilience and ease, the e-Loop Light Industrial delivers precise, reliable vehicle detection where durability meets daily demand.

The e-LOOP Light-Industrial is the perfect middle ground, for those in semi-demanding environments. Looking for a rugged, versatile and affordable solution. Touting an unassuming grey colour, it's easy to miss. But the hard work this little unit does sitting on the ground will never go unappreciated.

FEATURES

- Quick and easy installation.
- Compact design (7" x 1").
- Static load capacity 6 Tonnes.
- Uses standard 2x 1.5V AA Lithium batteries (included).
- Providing up to 6 years battery life.
- High security 128-bit encryption.
- Range up to 54.7 yards.

EL00M-US

E-loop Mini Domestic loop ONLY.

1 x e-Loop Mini domestic.



EL00M-K-US

E-loop Mini Domestic loop kit.

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



EL00M-KT-US

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

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



EL00M-KLT-US

E-loop Mini Domestic loop kit with LCD Transceiver.

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





POST MOUNT VEHICLE DETECTION SYSTEM

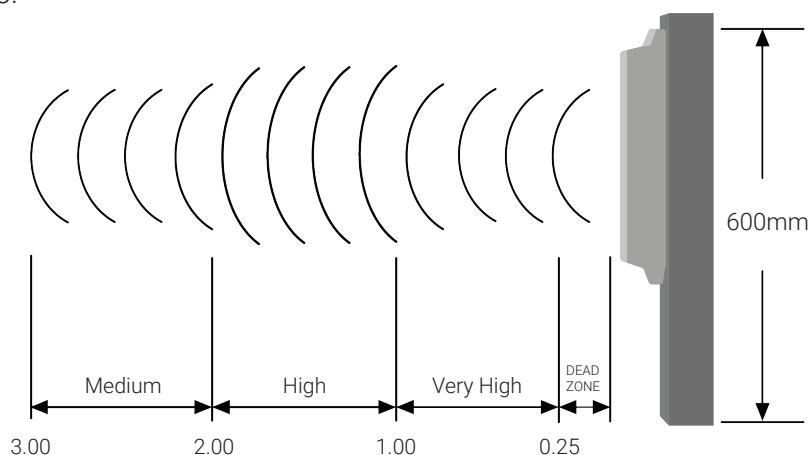
The Post Mounted Wireless Vehicle Detection System uses military grade magnetometer sensors. With added radar confirmation, to detect the presence and movement of vehicles. Simply code the Post Mount to the included transceiver, calibrate and you're ready to go. Once the sensor has detected a vehicle, a signal is sent to a nearby transceiver. Capable of operating in all weather conditions.

Note: Gate or door controller must have a dedicated open input and an auto close function enabled.

Do not install within 30 feet of an AC gate motor. Not designed for boom gate use including safety or protection

FEATURES

- Available in presence mode with magnetic field and radar detection.
- High-security 128-bit encryption.
- Compact profile – 176mm H x 70mm W x 30mm D (6.9"H x 2.7"W x 1.1"D).
- 2 x 1.5 V 3000ma AA Lithium Batteries.
- Up to 3 years of battery life.
- IP68.



EL00PM-RAD-K-US

Post Mount Kit - **PRESENCE MODE.**

1 x Post Mount e-Loop Presence mode.

1 x e-Trans-50.

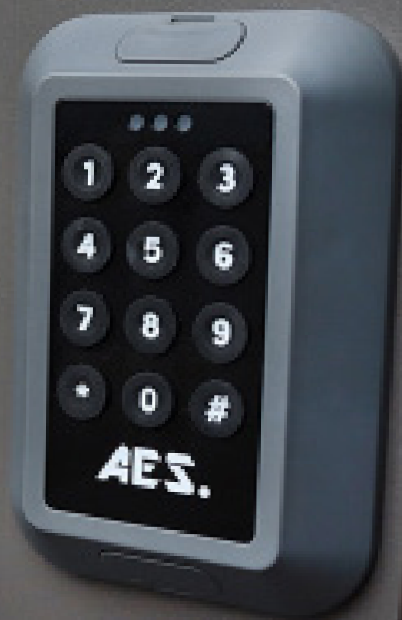


EL00PM-RAD-US

Post Mount **PRESENCE MODE.**

1 x Post Mount e-Loop Presence mode.





E-KEYPAD - AES WIRELESS KEYPAD

The e-Keypad offers a sleek access control solution, ideal for systems needing many codes. It features 3 unique channels and advanced settings for installers and supervisors. Integrates seamlessly with the e-loop range allowing for a secure entrance, and an easy exit.



FEATURES

- Quick installation with just 2 screws and no wiring
- 433.39 MHz Transceiver.
- Waterproof housing.
- Operates from a single coin cell 2450 lithium battery
- Can be unlocked and used as an entry button.
- Compatible with any Transceiver or gate controller
- Store up to 200 user codes.
- Simple 4 to 8 pin code operation.
- Supervisor Code Storage: 1 Code.
- Establish codes that are valid for a limited number of uses.

MORE INFO

- Voltage: 3V DC.
- Current draw standby: 200 nA.
- Peak current draw: 10 m/a.
- Battery type: CR2450.
- Battery type: 540 m/a.
- Frequency: 433.39 mHz.
- Channels: 3 Channels.
- Size: 132mm x 90mm x 20mm.
- Encryption: AES 128-Bit.

EKPD-K-US

1 x AES Wireless Keypad.
1 x e-Trans-50.



EKPD-US

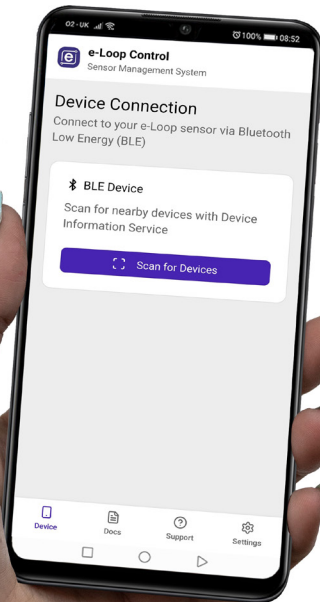
1 x AES Wireless Keypad.





E-LOOP CONNECT APP

Smart Wireless Management & Diagnostics



The E-Loop Connect App is a powerful mobile utility designed to seamlessly pair with your entire E-loop commercial range, transforming how you manage vehicle detection systems. By establishing a secure Bluetooth connection directly to the E-loop module, the app eliminates the need for complex, manual hardware adjustments. It provides commercial installers and site managers with an intuitive, visual dashboard to instantly configure loop behaviors, optimize radar performance, and monitor device health directly from a smartphone.

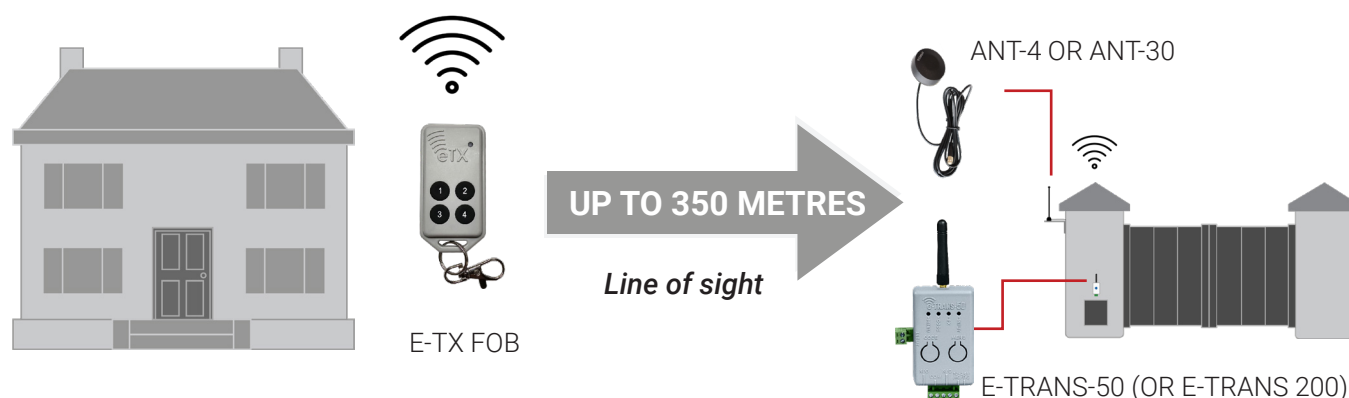
- **Universal Compatibility:** Available for download on both Android and iOS (iPhone) devices.
- **Advanced Diagnostics:** Instantly scan for nearby BLE devices and view real-time system summaries and signal strength.
- **Effortless Mode Switching:** Easily toggle between Exit, Presence, and Parking modes via a simple dropdown menu, without needing physical tools.
- **Fine-Tuned Radar Settings:** Enable or disable Confirmation Mode with a single tap to prevent false activations and ensure maximum detection accuracy.
- **Seamless Cloud Integration:** Quickly access menu shortcuts for real-time Diagnostics, Settings, and Firmware updates to keep your E-loop range optimized and secure.



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 350 metres (450/500 metres options).

KITS WITH 350 METRES ANTENNA

KITS WITH 450/500 METRES ANTENNA

E-LOOP



ETTRANS50-TX-KIT-US

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



ETTRANS50-TX-LR-KIT-US

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



ETTRANS100-TX-KIT-US

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



ETTRANS100-TX-LR-KIT-US

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



ETTRANS200-TX-KIT-US

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



ETTRANS200-TX-LR-KIT-US

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



E-TX - Add up to 50 additional E-TX fobs to 1 ETRANS50/200.

e-Loop Accessories

Transceivers / Remotes / Antenna.



ETRANS50-US

E-Trans 50 Transceiver.



ETRANS100-US

E-Trans 100 - 2 channel transceiver.



ETRANS200-US

E-Trans LCD 200 Transceiver.



EDR00-US

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



E-TX-US

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



ANT-30-US

30 dBI antenna for the e-Loop range.



ANT-4-US

4 dBI antenna for the e-Loop range.



E-TRIGGER-US



Wireless relay bridge

The e-TRIGGER is the ideal wireless solution designed to completely eliminate the need for running physical wires to gate motors and doors, saving installers many hours of digging trenches across driveways. For example, you no longer need to wire an intercom or other

third-party accessory directly into a gate motor. Instead, the e-TRIGGER connects to third-party devices and acts as a seamless bridging system to the gate's wireless transceiver.

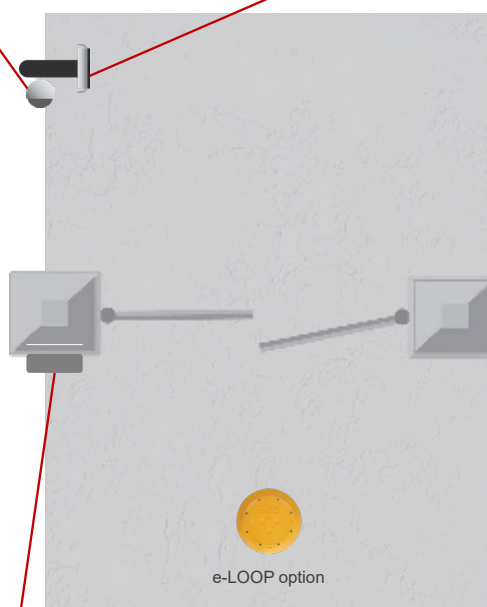
When a device is triggered, the e-TRIGGER establishes a wireless bridge to the transceiver housed at the gate motor, instantly activating the relay to open the gates or doors. Operating on a 433.39 MHz frequency with a range of up to 100 yards, this unit is fully compatible with the e-TRANS system and the e-LOOP's range of transceivers. Built for durability, it features a fully waterproof housing for external fitting with an included easy-to-attach bracket.



The e-TRIGGER acts as a bridging system, seamlessly integrating aftermarket accessories with the e-TRANS system.



The e-TRIGGER seamlessly integrates aftermarket accessories like cameras, microphones, keypads, buttons, and intercoms*.



e-LOOP option



The e-TRIGGER is compatible with the e-LOOP's range of Transceivers.

OTHER RANGES

MODULAR - E-LOOP - CENTURION LOCK - TOMALOK

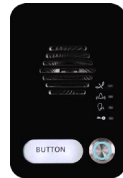


MODULAR RANGE

MODULAR RANGE ACCESSORIES

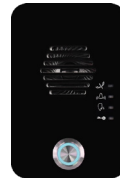
Speaker modules:

MOD-GSM-1B-WIND



GSM MULTI-BUTTON

MOD-PRIME7



GSM SINGLE BUTTON

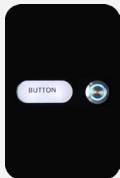
MOD-GSM



GSM MUTLI BUTTON
MULTICOM CLASSIC

Call button modules:

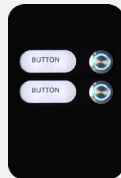
MOD-1B



1 Button
Module

GSM MUTLI-BUTTON

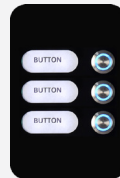
MOD-2B



2 Button
Module

GSM MUTLI-BUTTON
DECT 703

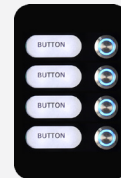
MOD-3B



3 Button
Module

GSM MUTLI-BUTTON
DECT 703

MOD-4B



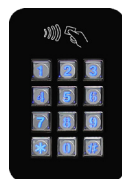
4 Button
Module

GSM MUTLI-BUTTON
DECT 703

Keypad modules:

MOD-PRIME-PX-KP

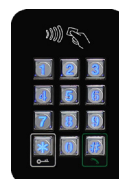
Combined Prox & keypad



GSM SINGLE BUTTON
GSM MUTLIBUTTON

MOD-MULTI-PX-KP

Combined prox &
keypad



MULTICOM CLASSIC.

Misc modules:

MOD-BLANK

Blank Module



MOD-CLASSIC

Illuminated info window
with scroll buttons.



MULTICOM CLASSIC

All back box panels are available in:



**FLUSH
MOD-FB-US**

Additional styles are available upon a bespoke request. Please note that lead times will apply. For more information about custom units, visit our website, view 38 or contact us directly.



MOD-PED-IB-PX 1x2-US



MOD-PED-IB-PX1x3-US



**MOD-PED-IB-PX-
2x4-US**



MOD-PED-IB-PX 2x3-US



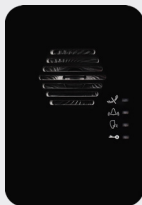
MOD-PED-IB-PX 3x3-US

Our Modular Range can be custom built to your specification! With multiple modules available to choose from, to match with your chosen Modular shell available in 2/3/4/6/9 slots, to create your Modular System.



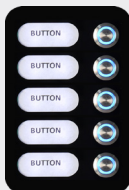
BACK BOX

+



=

+



MODULES



COMPLETE UNIT



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 140mA.

Peak Draw 280mA.

Operation 210mA.

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: 4.5kg.

Bespoke Colour Only

Accessories included:

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

Gate bolt & power supply kits.



TL-S-150-KIT-US

Tomalok Electric Drop Bolt in Stainless - 150mm with Ground Plate.



TL-B-150-KIT-US

Tomalok Electric Drop Bolt in Black - 150mm with Ground Plate.

Accessories



TL-GP-US

Tomalok Ground Plate.



TL-GS-US

Tomalok Ground Stop.



TL-APC



TL-MIP

Tomalok retractable PIN part



TL-KEY-US

Tomalok Set of Keys (2).

Gate bolt, ground stop & power supply kits.



TL-S-150-KIT-US

Tomalok Electric Drop Bolt in Stainless - 150mm with Ground Stop.



TL-B-150-KIT-US

Tomalok Electric Drop Bolt in Black - 150mm with Ground Stop.



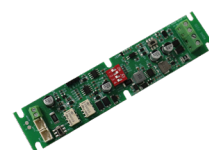
TL-BAT-US

Tomalok Battery (1).



TL-BAT-SET-US

Tomalok Set of Batteries (3).



TL-PCB-US

Tomalok Main Control PCB.



RESOURCES



Product Resources

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

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.

aesglobalparts.com/pages/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



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