



AES

PRODUCT CATALOG

ACCESS THE FUTURE

2026



01/01/2026
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AND DETAILS ARE SUBJECT TO CHANGE

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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-4G Telephone Entry Systems - IP Gate Switch.

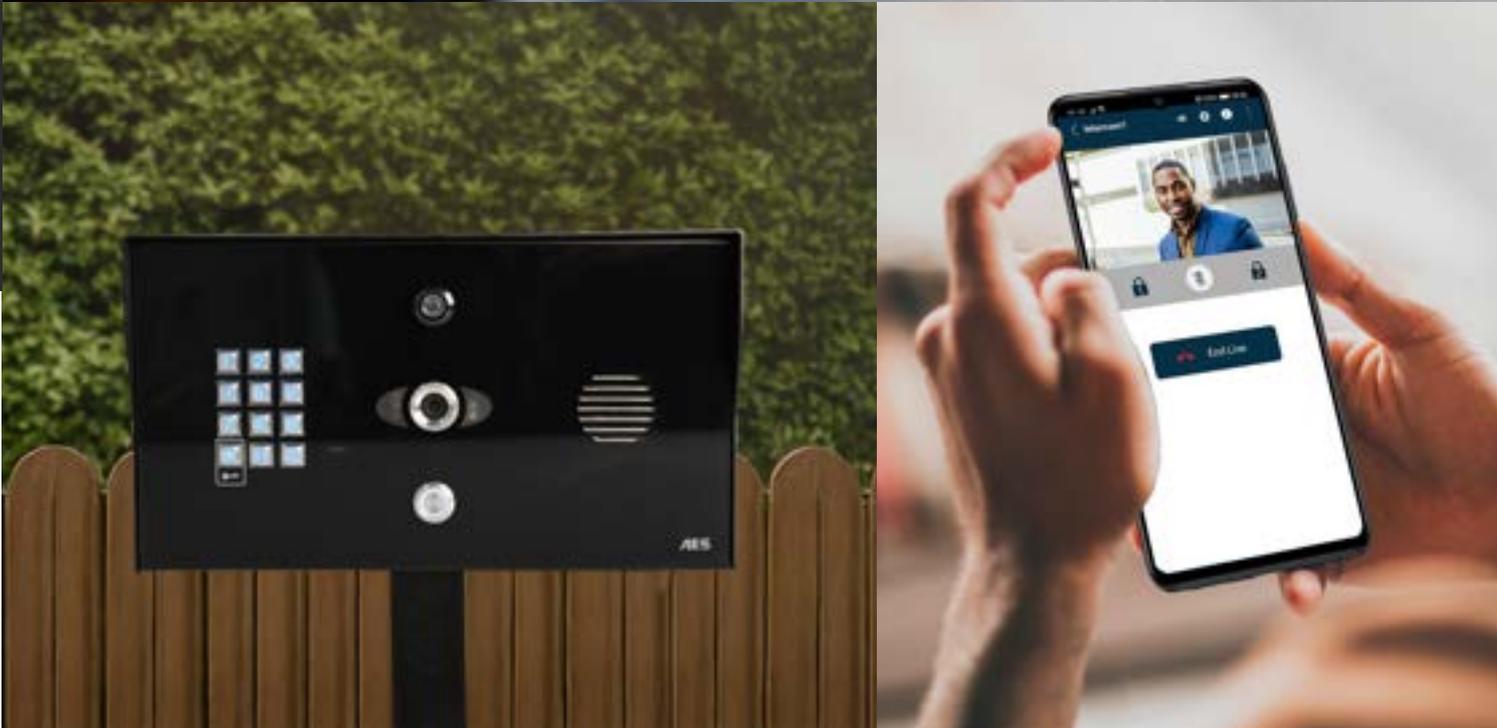


WIRELESS

CELLULAR AUDIO

E-LOOP

SPECIAL PRODUCT



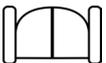
Obyn

Advanced IP-4G 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.

**POE power supply as default*



Set automatic opening times via Obyn 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.



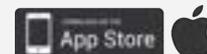
Multiple users/devices same account online in app.



Ability to add 3 customized voicemail messages and set one to play when the call is not accepted.



Activity Log.



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	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	130H, 70V, 150D
IP Rating	IP54	Video Resolution	1080, 720, 640*360

**Wifi antenna sold separately.*

Kits & part numbers

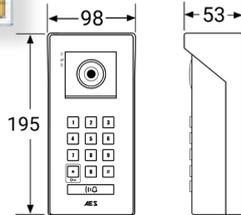


OPYN-4G-IBK-US

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



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

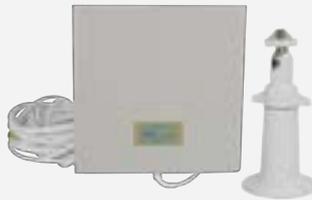
Kit comes with hooded imperial video intercom in black powder coated with white light illumination. Power supply included.

***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.



***Ethernet ready. To use direct WiFi a separate antenna will need purchased. Not included in kits.**

Opyn-Pro 2026

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



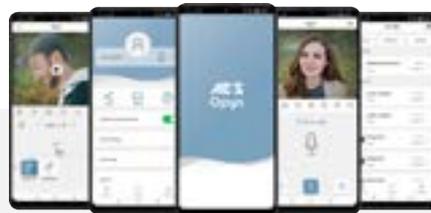
ABK-US



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.



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 Display	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.



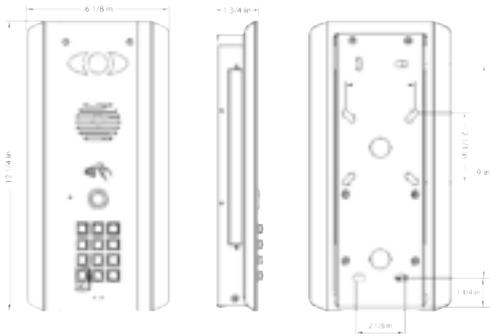
OPYN-PRO-IP-ABK-US

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

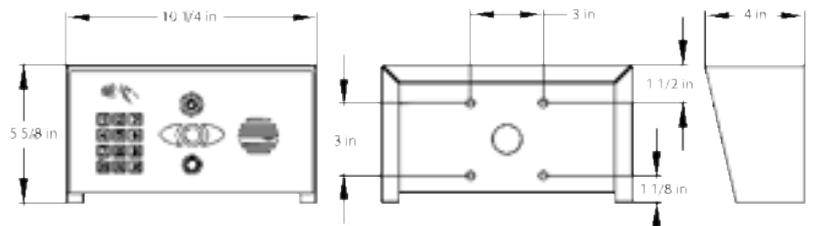


Works with our multi network AESIM. aesglobaltelecom.com

Architectural ABK-US



PBK-US & PSK-US



Obyn-multi 2026

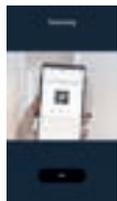
IP Multi-Apartment Telephone Entry System

The Obyn-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 Obyn-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 in IPS LCD Display. RES: 600x1024.



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



Nightvision LED strip.



Tamper Alarm.



Ability to integrate IP cameras.



2x Relays.

Details

Keypad Codes / Prox cards & tags	Limited to 20 per user/license, with a maximum of 10,000 total	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	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

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.



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, 2026 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.
- Opyn Multi Only

*Access to the portal is free but require licenses to be purchased when adding tenants

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.
- Activity Log.



GSM/Cellular Cloud Portal

Licence Information

Features



Remotely control, program & manage the intercom from your browser.



View activity logs for your sites.



Invite other users with limited or full access to a site.

Monthly Pricing & Plans

USD
Basic (1 Device) per month - \$5
Pro (5 Devices) per month - \$23.75 (5% off)
Premium (10 Devices) per month - \$45 (10% off)
Ultimate (15 Devices) per month - \$63.75 (15% off)

Yearly Pricing & Plans

USD
Basic (1 Device) 1 year - \$55
Pro (5 Devices) 1 year - \$261 (5% off)
Premium (10 Devices) 1 year - \$495 (10% off)
Ultimate (15 Devices) 1 year - \$701 (15% off)



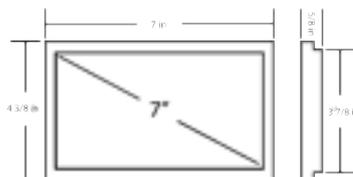
Accessories

OPYN-MON

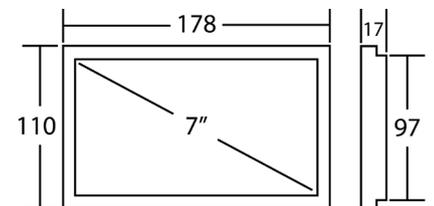
IP - Touchscreen Monitor. The Opyn monitor can be purchased as an **added accessory to all kits***.

- Wall mountable touchscreen monitor (1024x600 Resolution), compatible with the Opyn system.
- 7 in OPYN-MON
- 10 in OPYN-MON-10
- SIP Integration.
- IP Camera Integration.
- Android App Integration.
- Wi-Fi & Ethernet connections.

7 in OPYN-MON



10 in OPYN-MON-10



OPYN-MON-DESK

A desk mount bracket is available. (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.



AES-PROX-TAG



MIFARE-PROX-CARD



Additional accessory options

- AES-PROX-TAG
- MIFARE-PROX-CARD
- CAT6BC-10M
- CAT6BC-2M
- ELEVATOR CONTROL MODULE



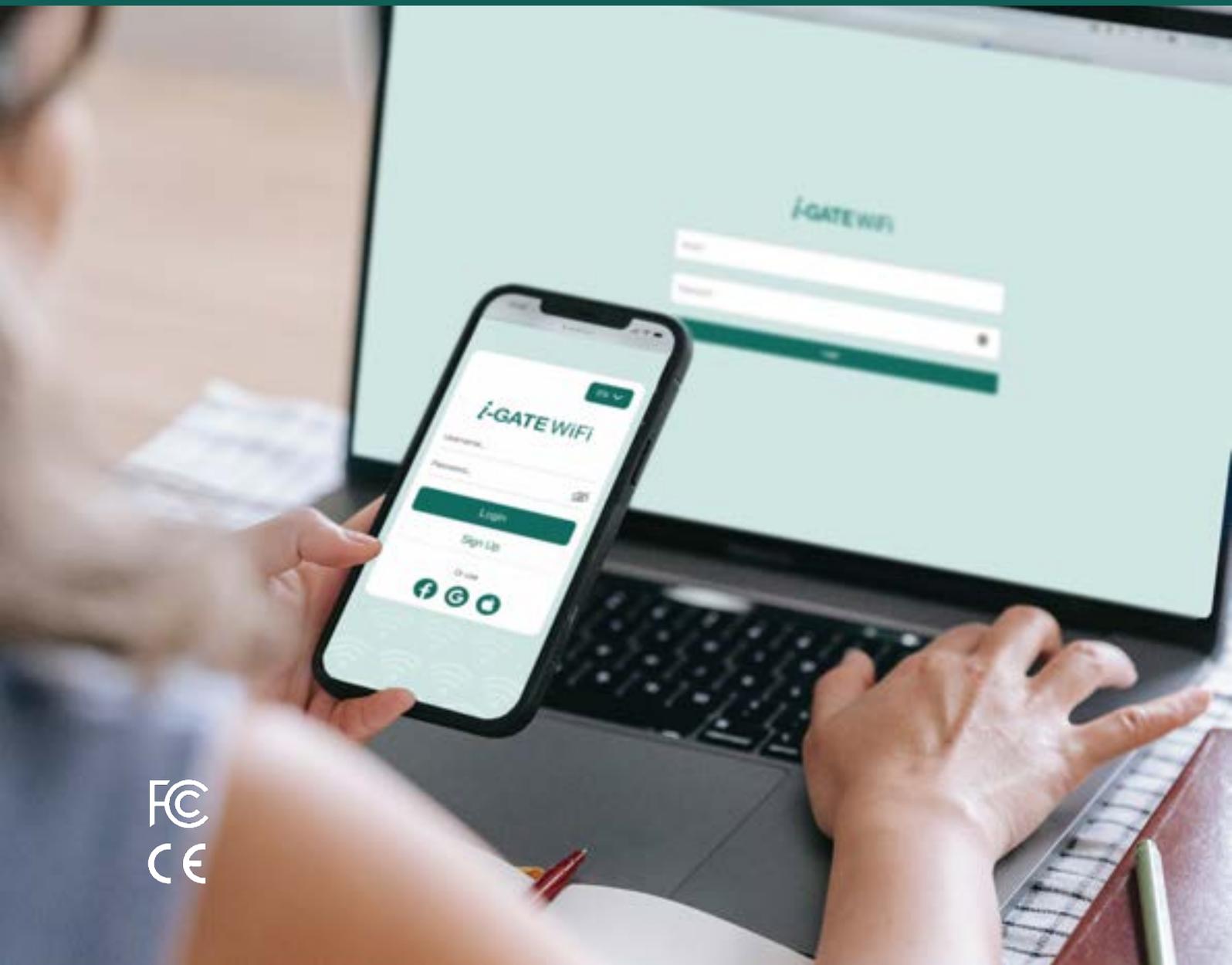
i-GATE WiFi

An innovative IP Switch for gates, barriers and doors!

WIRELESS

An innovative IP Switch for gates, barriers and doors!

WIRELESS



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. 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).

Bulk pricing available



IGATE-WIFI-ENC-US

i-Gate enclosure for outside install.



IGATE-WIFI

i-Gate Din Rail for inside enclosure install.



Voice control via alexa.

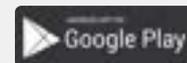
DETAILS	
Weather Rating Din Rail	IP20
Weather Rating Outdoor encloser	IP67
Relay Type	N/O, N/C & COM (Trigger Only)
Switching Socket (Relay)	3A
Relay pulse time	0.3 sec - 4 sec
Working frequency	WIFI (b/g/n) 2.4Ghz
Network topology	Wireless Communication
Charging block	8-36V AC/DC



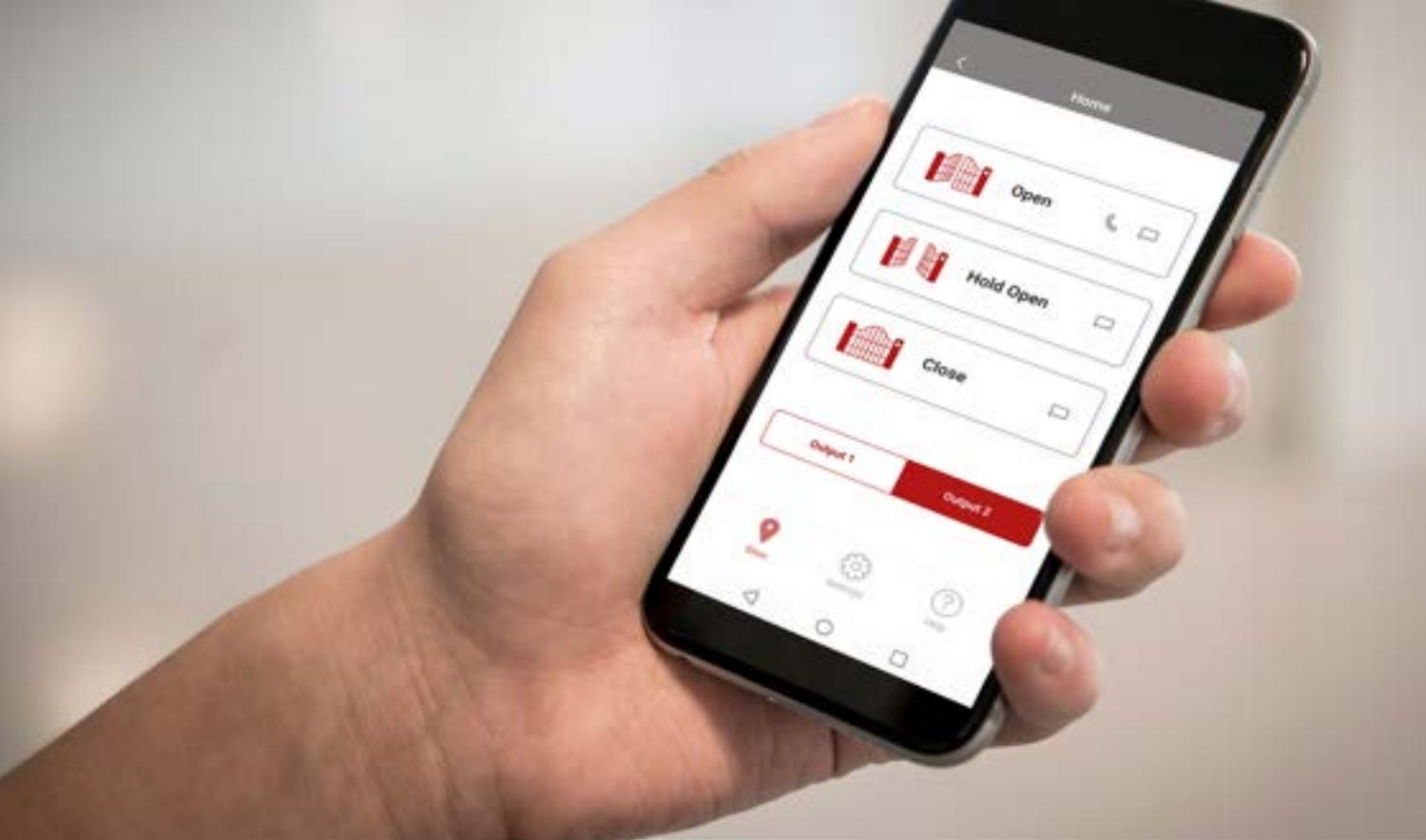
Control at your fingertips through our app, ensuring seamless and convenient operation.

Features:

- Add multiple devices to one app
- Activate relay via app. (Trigger/latch)
- Share devices with other users
- Change device icon/animation to suit customers use
- Adjust relay activation time.
- Activity log
- Automatic opening times (schedule)
- Boost mode



*App visuals may vary.



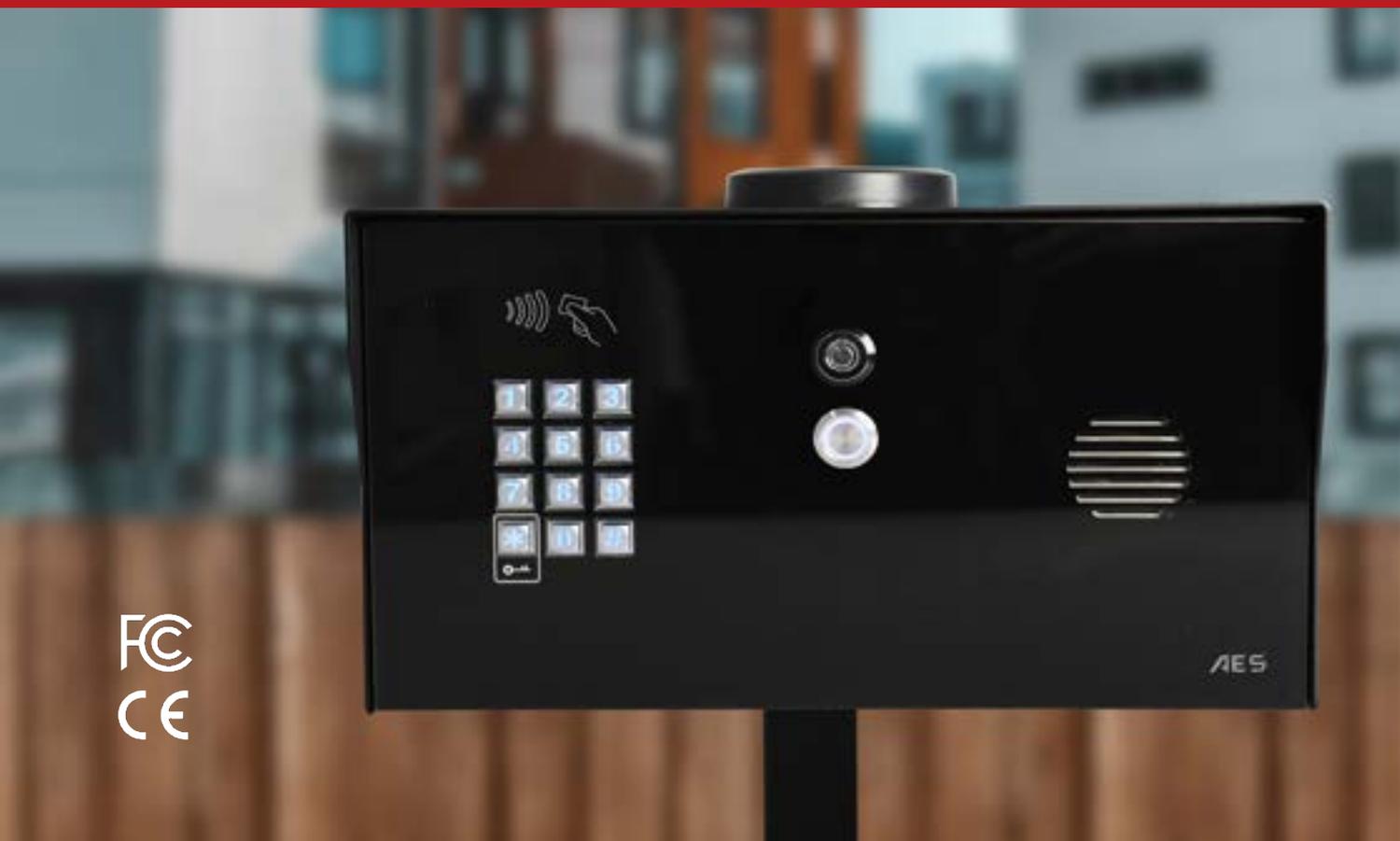
IP/CELLULAR VIDEO

WIRELESS

CELLULAR AUDIO

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

CELLULAR AUDIO



E-LOOP

SPECIAL PRODUCT



AES

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.
- 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

CELLULAR AUDIO



Antenna.

Works with our multi network AESIM. aesglobaltelecom.com



USB-C

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	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.



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.



Black/Silver powder coated steel panel with fully customisable blue or white lighting.

Metal Keypad and Prox reader as standard.

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 3 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



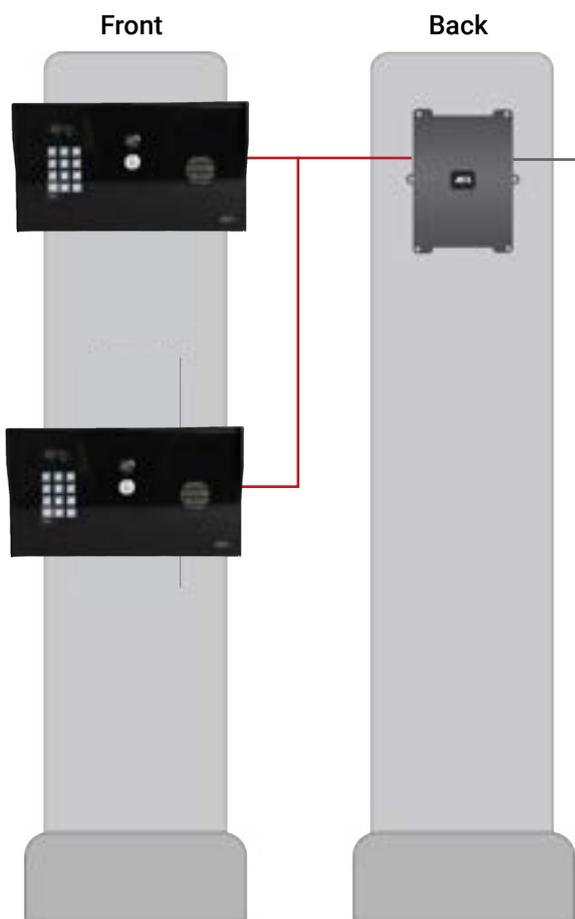
CELLCOM LINK

Multi-Call Station System

(Available in Lite and Prime Versions)

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.



PRIME-LINK-US

Includes Cellcom PRIME-Lite PCB.



Works with our multi network AESIM.



Puck antenna comes as standard.

Comprehensive event log of last 20 events.

10 metres max shielded Cat5 cable between Call Point(s) & Cellcom Link.

Call up to 3 numbers in a sequence.



Fixed land line.



Cell/Mobile phone.

*Available as a wireless audio handset system.

Cellcom Lite Speech Panel: LITE2-CP-IBK

Features	Lite	Prime
Dial Out Numbers	3	4
Multi Button Connections	NO	YES
Time Sync	SMS only	SMS or NTP server
Relays	1	2
SMS Reboot	NO	YES
Events Log	YES	YES
FOTA & USB-C	YES	YES



Example set up images.

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.



Wall / Gooseneck Mount:
MULTI-CL-PBK-US

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

CELLULAR AUDIO

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



AES PRO APP

The Pro App is a free mobile app for programming and managing your device via SMS. An optional Cloud platform is available for advanced control and flexibility, with 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

Each kit contains a speech panel, 24v DC power supply, SIM card* & low profile cellular antenna



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.**



CELLULAR AUDIO

Works with our multi network AESIM.

aesglobaltelecom.com



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

i-GATE DUAL

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



i-GATE-DUAL-US



Programmable with the AES PRO APP.

Works with our multi network AESIM.

aesglobaltelecom.com



Key Features of i-Gate DUAL :

- 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 (in NTP sync mode).
- Customisable SMS replies.
- 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.

CELLULAR AUDIO

GSM CLOUD PORTAL

With the **AES Cloud Portal**, building managers and installers can remotely program and manage their **i-Gate Dual** units anytime, from any locations.

- Reduce SMS messaging
- User-friendly interface
- Simplified intercom management
- Remote programming



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 packages under normal usage are designed for the following devices*

- i-Gate Dual
- Cellcom Edge



Data Lite



DATA SIMs 1G packages under normal usage are designed for the following devices*

- OPYN
- OPYN-PRO

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



Voice Pro



VOICE LITE packages under normal usage are designed for the following devices*

- i-Gate Dual
- Cellcom Edge



Data Pro



DATA SIMs 5G packages under normal usage are designed for the following devices*

- OPYN
- OPYN-PRO

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



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



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

Data Enterprise



DATA SIMs 10G packages under normal usage are designed for the following devices*

- OPYN-MULTI

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



MULTI NET



Contact us for more info



Data Custom



DATA SIMs 300G (if running CCTV cameras or similar equipment).

Contact us for more info



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 per master unit. 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 per Master unit
Total Permanent Prox Cards	250 per Master unit
Time Restricted Codes/Cards	250 per Master unit
Temporary Codes/Cards	50 per Master unit



CELLULAR AUDIO

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

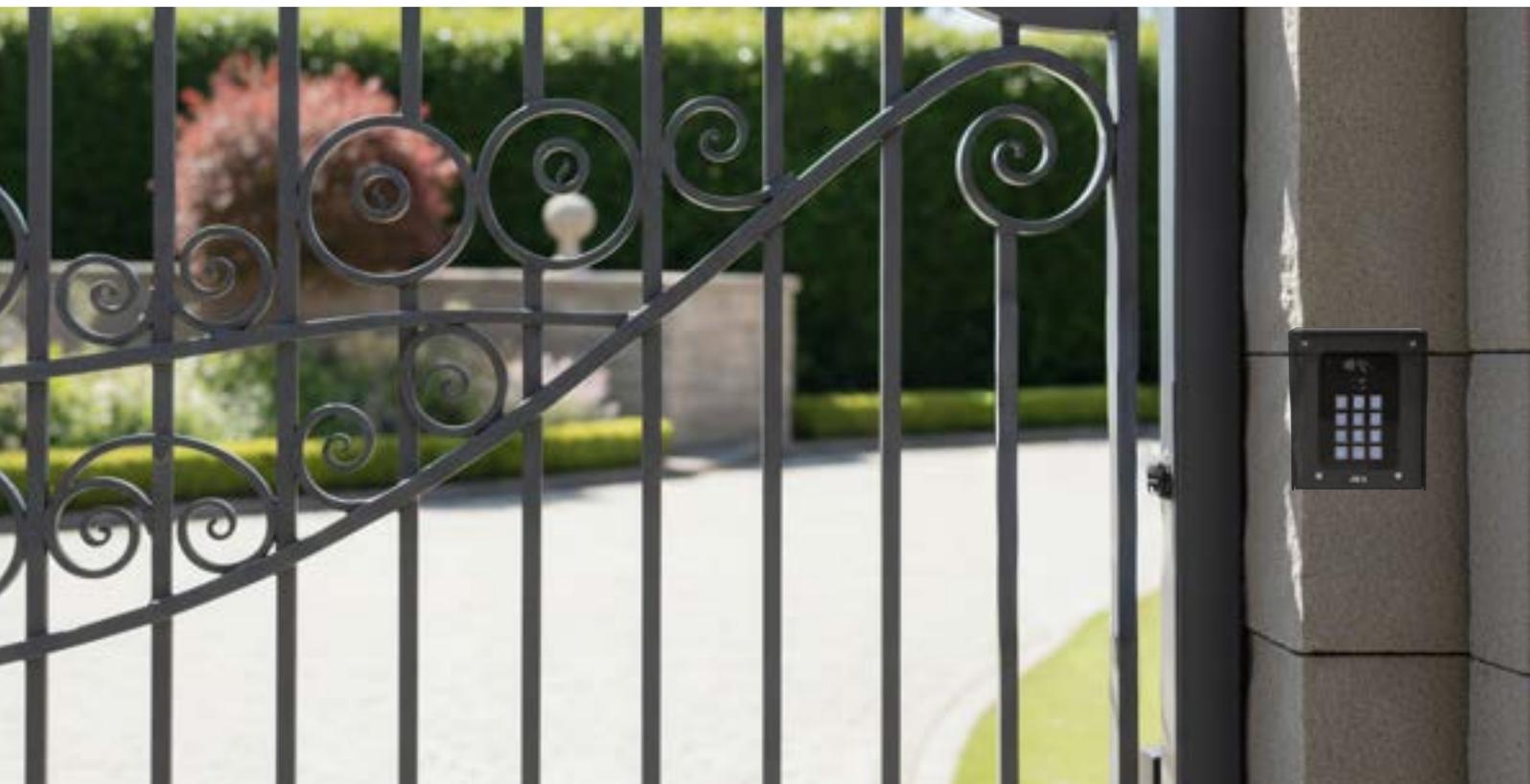


KEY-MST-PBK-US
Master unit with keypad & prox reader.

Auxiliary Pedestal: Keypads & Prox readers.



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





E-LOOP

Wireless Vehicle Detection System

E-LOOP





Mini



CE

WIRELESS VEHICLE DETECTION SYSTEM

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

The Mini e-loop is available in two modes:
EXIT MODE ONLY.

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 Lithium batteries

For low-traffic single residential/domestic settings.

FEATURES

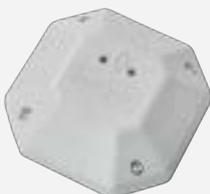
- Quick and easy installation.
- Small compact design (4 3/4 in x 1 1/8 in).
- Static load capacity 2.5 Tonnes.
- Uses standard 1.5V AA Lithium batteries (included).
- Providing up to 3-4 years battery life.
- High security 128-bit encryption.
- Range up to 164 feet.

E-LOOP

EL00M-US

E-loop Mini Domestic loop ONLY
EXIT MODE.

1 x e-Loop Mini domestic
Exit mode.



EL00M-K-US

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.



EL00M-KT-US

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.



EL00M-KLT-US

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.





FC
EL00C-RAD

Commercial e-Loops

Both e-loop models are available in **PRESENCE MODE WITH ADDED RADAR*** (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 164 feet.
- IP68.

*Radar can be turned off to use as an EXIT only.

Commercial E-loop Surface Mounted.

- Dual sensing technology.
- Compact profile – (220mm x 28mm) (8 5/8 in x 1 1/8 in).
- 10600 mA battery (included) giving up to 6-10 years battery life (depending on mode).
- Made of high-impact plastic (10 tonne static load limit).

Commercial Inground E-loop.

- Dual sensing technology. Recesses into the driveway – 55mm in ground height x 89mm diameter (2 1/8 in x 3 1/2 in).
- 14500 mA battery (included) giving up to 6-10 years of battery life (depending on mode).
- 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.

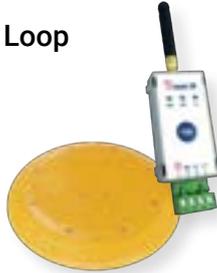
Kits with Trans 50:

Kits incl eTrans 50 - 1x Relay Output N/O contacts with LED indicators.

EL00C-RAD-K-US

e-Loop Commercial Radar Loop kit PRESENCE MODE.

- 1 x e-Loop **Presence mode**.
- 1 x e-Trans 50 (transceiver).
- 2 x Concrete fixing bolts.
- 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 100:

Kits incl eTrans 100 - 2x Relay Output N/O & N/C contacts with LED indicators.

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.



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.



Kits with Trans 200:

Kits incl eTrans 200 - 1x Relay Output N/O contacts with LCD Display.

EL00C-RAD-KLT-US

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.



EL00IG-RAD-KLT-US

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.



E-LOOP





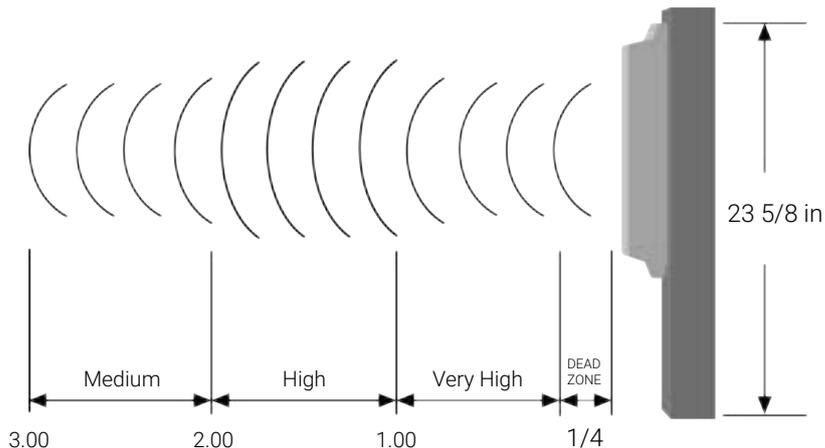
POST MOUNT VEHICLE DETECTION SYSTEM

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.

FEATURES

- Available in presence mode with magnetic field and radar detection.
- High-security 128-bit encryption.
- Compact profile – 6 7/8 in H x 2 3/4 in W x 1 1/8 in D.
- 2 x 1.5 V 3000ma AA Lithium Batteries.
- Up to 3 years of battery life.
- IP68.



E-LOOP

EL00PM-RAD-US

Post Mount **PRESENCE MODE.**

1 x Post Mount e-Loop Presence mode.



EL00PM-RAD-K-US

Post Mount Kit - **PRESENCE MODE.**

1 x Post Mount e-Loop Presence mode.
1 x e-Trans-50.





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.

Bulk pricing available



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: 5 1/4 in x 3 1/2 in x 3/4 in.
- Encryption: AES 128-Bit.

E-LOOP

EKPD-K-US

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



EKPD-US

1 x AES Wireless Keypad.





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-Dual, 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.



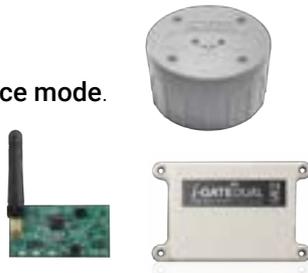
Programmable with the AES LITE APP.

PRESENCE MODE WITH ADDED RADAR PROTECTION.

Dual sensor technology - Magnetic field and Radar detection.

EL00IG-RAD-KPT-US

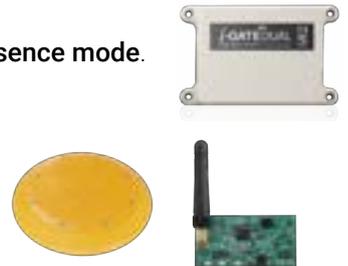
- 1 x e-Loop inground **Presence mode**.
- 1 x e-Trans-Plus (Plug in).
- 1 x I-Gate-Dual.
- 1x Magnet.



Commercial Kits:

EL00C-RAD-KPT-US

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





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



ETRANS50-TX-KIT-US

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



ETRANS50-TX-LR-KIT-US

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



ETRANS100-TX-KIT-US

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



ETRANS100-TX-LR-KIT-US

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



ETRANS200-TX-KIT-US

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



ETRANS200-TX-LR-KIT-US

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

E-LOOP



E-TX - Add up to 200 remotes to a single transceiver*

*The transceiver number equates to the total amount. e.g. eTrans50 = max 50 remotes.



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

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.



IP/CELLULAR VIDEO

OTHER RANGES

MODULAR - E-LOOP - CENTURION LOCK - TOMALOK

WIRELESS

CELLULAR AUDIO

E-LOOP

SPECIAL PRODUCT



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

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 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: 5 7/8 in Stroke
- 3/4 in 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: 1 1/1 in box.

Unit weight: 4.5kg.

Bespoke Colour Only

Accessories included:

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



Gate bolt



TL-S-150-US

Tomalok Electric Drop Bolt in Stainless



TL-B-150-US

Tomalok Electric Drop Bolt in Black

Accessories



TL-GP-US

Tomalok Ground Plate.



TL-GS-US

Tomalok Ground Stop.



TL-24V-US

Tomalok 24v Din Rail Power Supply.



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 Steel - 5 7/8 in incl Ground plate & 24v Din Rail PSU Power Supply and Ground Stop.



TL-B-150-KIT-US

Tomalok Electric Drop Bolt in Black - 5 7/8 in incl Ground plate & 24v Din Rail PSU Power Supply



TL-BAT-US

Tomalok Battery (1).



TL-BAT-SET-US

Tomalok Set of Batteries (3).



TL-PCB-US

Tomalok Main Control PCB.

SPECIAL PRODUCT



RESOURCES



Product Resources

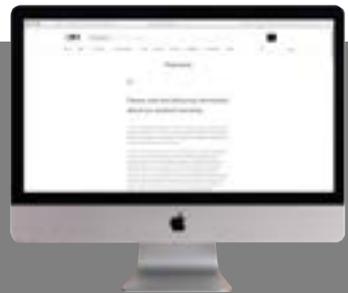
Manuals - Quick Start Guides -
Firmware - Videos - Datasheets.

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



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covering UK, Ireland, USA, & Europe.

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