

# AES

## MODULAR CATALOGUE

ACCESS THE FUTURE



# AES

**Customize your intercom range to fit your exact needs! Our modular system offers a variety of modules compatible with your chosen shell, allowing you to create a tailored solution.**

From individual residences to apartment complexes, our modular collection is versatile for various uses. Our modular design seamlessly accommodates any entry point, whether it's a gate, door, or gooseneck mount.



## WIRELESS

Intercom system with a cordless telephone.

DECT, 603, 703 & 705.



## GSM

Intercoms for talking & operating your door/gates by phone.

GSM SINGLE BUTTON,  
GSM MULTI-BUTTON,  
MULTICOM CLASSIC &  
MULTICOM LITE.



## WIRED

Hard wired audio intercom system.

SLIM.



## IP-4G

Smart phone IP / 4G video intercom system.

PRAETORIAN  
GUARD.





## **GSM INTERCOM SYSTEMS**

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<i>MULTI-FAMILY (MULTI-RESIDENT INTERCOMS):</i>	
MULTICOM CLASSIC	PAGES 14 - 17
MULTICOM LITE	PAGES 18 - 21



## **WIRELESS INTERCOM SYSTEMS**

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GSM

# GSM

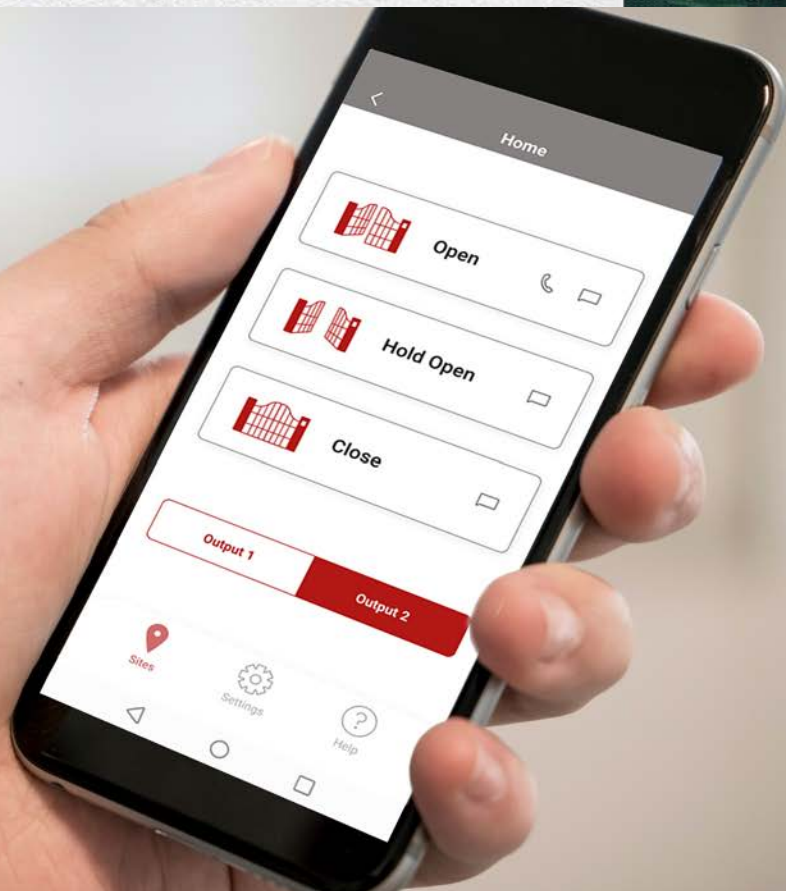
Intercoms For Talking & Operating  
Your Door/Gates By Phone.

WIRELESS

IP/4G



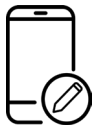
HARD-WIRED



# SINGLE BUTTON MODULAR

## Advanced GSM Intercom

Never miss a visitor/caller, this unit calls your home phone or mobile 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.



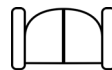
Set automatic gate open & close times.



Trigger, latch and unlatch SMS replies.



FOTA – Upgrade firmware via SMS.



2x Relays.



Intercoms with proximity readers are available.



Issue time-restricted keypad codes.



Antenna.

Works with our multi network AESIM.  
aesglobaltelecom.com



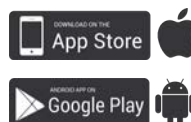
### DETAILS

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.



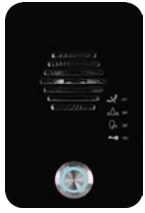
#### AES HOME APP

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

## Compulsory module:

The Single button panel must have a speaker & call button module.

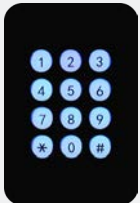
MOD-PRIME7



GSM SINGLE  
BUTTON

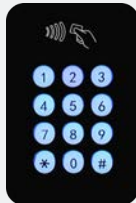
## Misc modules:

MOD-PRIME-RKP



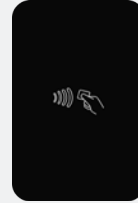
Silicone keypad.

MOD-PRIME-PX-RKP



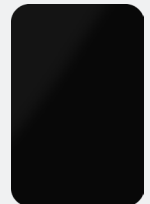
Prox & silicone  
keypad.

MOD-PROX



Prox

MOD-BLANK



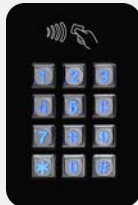
Blank Module.

MOD-PRIME-MKP



Keypad.

MOD-PRIME-PX-MKP



Prox & keypad.

MOD-INFO



Illuminated info  
window.

## Back box options:

AB Backbox



Architectural unit with  
backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel unit\*.

PB Backbox



Pedestal black unit.

# Prime7 modular Imperial units examples:

Each kit contains, a speech panel, power supply, install manual, sim card options and an antenna (Prox units will come with card/tags).



## MODULAR GSM 1x1

Modular panel with speaker 1 call button module.



## MODULAR GSM 1x2

Modular panel with speaker and 1 call button and keypad module.



## MODULAR GSM 1x3

Modular panel with speaker and 1 call button, keypad and prox module.



## MODULAR GSM 2x2

Modular panel with speaker 1 call button, keypad, prox module and illuminated info window.

# MUTI-BUTTON MODULAR

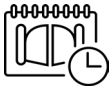
## Advanced GSM Intercom

The Modular multi-button is for multi-house/flats. The units are available up to 26 buttons. When a call button is pressed the unit calls the homeowner's mobile/phone.

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



Ability to set Do-not-disturb times.



Set automatic gate open & close times.



User history log to your phone.



Store visitor codes by App.



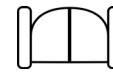
Modules with proximity readers are available.



Each button calls a different number.



FOTA – Upgrade firmware via SMS.



2x Relays.



Add keypad codes via app.



Issue time-restricted keypad codes.



Antenna.



### AES PRO APP

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

### DETAILS

Dial Out Numbers per Apartment	3	Relays	2
Keypad Codes per Apartment (6 digit)	1	Relay Type	N/C and N/O
Prox Cards/Tags per Apartment	3	Relay Load	2 amps, 24v ac max
Automatic Trigger Events per Week	10	Power Supply	24v dc (24v dc 2A adaptor included)
Modem Models	4G EU, 4G USA, 4G AUS/NZ		

### VISITOR CODES/CARDS (Units with Prox)

	Permanent	Time-restricted	Temporary
Visitor Prox Cards	250	250	50
Keypad Codes (4 digits)			
Caller ID			



# Compulsory module:

The Multi button panel must have a speaker & min 2 call buttons module.

MOD-GSM-1B-EU



GSM SINGLE BUTTON/WINDOW.



MOD-GSM-EU



GSM SPEAKER.

MOD-2B



Unit must have a min of 2 call buttons.

## Call button modules options:

MOD-1B



1 Button Module.

MOD-2B



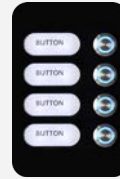
2 Button Module.

MOD-3B



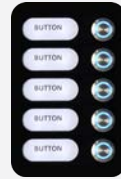
3 Button Module.

MOD-4B



4 Button Module.

MOD-5B



5 Button Module.

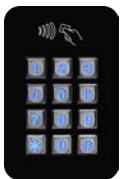
## Keypad modules options:

MOD-PRIME-MKP



Keypad.

MOD-PRIME-PX-MKP



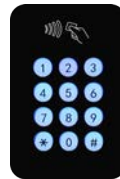
Prox & keypad.

MOD-PRIME-RKP



Silicone keypad.

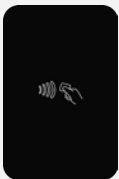
MOD-PRIME-PX-RKP



Prox & silicone keypad.

## Misc modules options:

MOD-PRIME-PX



Prox.

MOD-BLANK



Blank Module.

MOD-INFO



Illuminated info window.

## Back box options:

AB Backbox



Architectural unit with backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel unit\*.

PB Backbox



Pedestal black unit.

\*Steel effect modules are subject to availability. Black modules can also be used with the steel backbox.

# Non keypad pre-assembled kits (Imperial):



**MOD-IB2-EU**

2 BUTTON



**MOD-IB3-EU**

3 BUTTON



**MOD-IB4-EU**

4 BUTTON



**MOD-IB5-EU**

5 BUTTON



**MOD-IB6-EU**

6 BUTTON



**MOD-IB7-EU**

7 BUTTON



**MOD-IB8-EU**

8 BUTTON



**MOD-IB9-EU**

9 BUTTON



**MOD-IB10-EU**

10 BUTTON



**MOD-IB11-EU**

11 BUTTON



**MOD-IB12-EU**

12 BUTTON



**MOD-IB13-EU**

13 BUTTON



**MOD-IB14-EU**

14 BUTTON



**MOD-IB15-EU**

15 BUTTON



**MOD-IB16-EU**

16 BUTTON



**MOD-IB17-EU**

17 BUTTON



**MOD-IB18-EU**

18 BUTTON



**MOD-IB19-EU**

19 BUTTON



**MOD-IB20-EU**

20 BUTTON



**MOD-IB21-EU**

21 BUTTON



**MOD-IB22-EU**

22 BUTTON



**MOD-IB23-EU**

23 BUTTON



**MOD-IB24-EU**

24 BUTTON



**MOD-IB25-EU**

25 BUTTON



**MOD-IB26-EU**

26 BUTTON

# Keypad pre-assembled kits (Imperial):



**MOD-IBK2-EU**

2 BUTTON &  
KEYPAD



**MOD-IBK3-EU**

3 BUTTON &  
KEYPAD



**MOD-IBK4-EU**

4 BUTTON &  
KEYPAD



**MOD-IBK5-EU**

5 BUTTON &  
KEYPAD



**MOD-IBK6-EU**

6 BUTTON &  
KEYPAD



**MOD-IBK7-EU**

7 BUTTON &  
KEYPAD



**MOD-IBK8-EU**

8 BUTTON &  
KEYPAD



**MOD-IBK9-EU**

9 BUTTON &  
KEYPAD



**MOD-IBK10-EU**

10 BUTTON &  
KEYPAD



**MOD-IBK11-EU**

11 BUTTON &  
KEYPAD



**MOD-IBK12-EU**

12 BUTTON &  
KEYPAD



**MOD-IBK13-EU**

13 BUTTON &  
KEYPAD



**MOD-IBK14-EU**

14 BUTTON &  
KEYPAD



**MOD-IBK16-EU**  
16 BUTTON



**MOD-IBK17-EU**  
17 BUTTON



**MOD-IBK18-EU**  
18 BUTTON



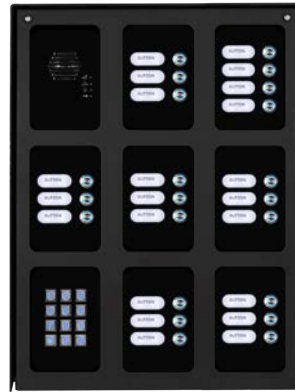
**MOD-IBK19-EU**  
19 BUTTON



**MOD-IBK20-EU**  
20 BUTTON &  
KEYPAD



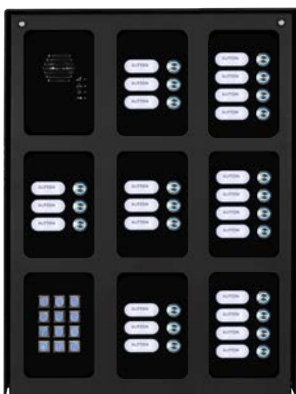
**MOD-IBK21-EU**  
21 BUTTON &  
KEYPAD



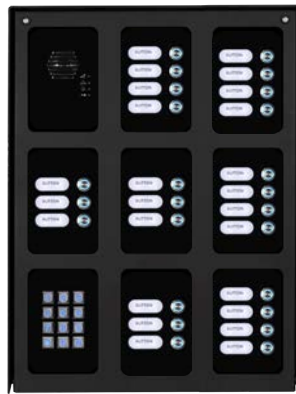
**MOD-IBK22-EU**  
22 BUTTON &  
KEYPAD



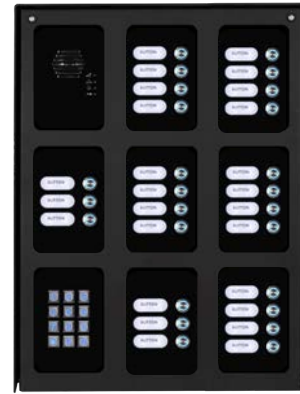
**MOD-IBK23-EU**  
23 BUTTON &  
KEYPAD



**MOD-IBK24-EU**  
24 BUTTON &  
KEYPAD



**MOD-IBK25-EU**  
25 BUTTON &  
KEYPAD



**MOD-IBK26-EU**  
26 BUTTON &  
KEYPAD

# MULTICOM CLASSIC

## Multi Family Intercom

- Calls up to 1000 apartments from a single SIM card. (3 users per apartment)
- Visitors can scroll for residents, or an 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.



### DETAILS

Dial Out Numbers per Apartment	3 per apartment (3000 Total)	Relays	2
Keypad Codes per Apartment (6 digit)	1 per apartment (1000 Total)	Relay Type	N/C and N/O
Prox Cards/Tags per Apartment	3 per apartment (3000 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	250	250	50
Keypad Codes (4 digits)			
Caller ID			

Works with our multi network AESIM.  
aesglobaltelecom.com



Programmable with the AES PRO APP.



## Compulsory modules:

The Multicom Classic unit must have, a digital scroll screen, a speaker, a keypad & prox modules.

MOD-CLASSIC



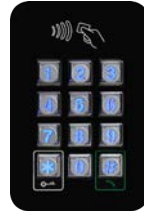
DIGITAL ILLUMINATED SCREEN WITH SCROLL BUTTONS.

MOD-PRIME-EU



SPEAKER.

MOD-ASSM-PX-KP



ILLUMINATED KEYPAD WITH PROX.

OR

MOD-ASSM-KP



ILLUMINATED KEYPAD.

## Misc modules:

This keypad has to come with a separate prox module.

MOD-INFO



Illuminated info window.

MOD-BLANK



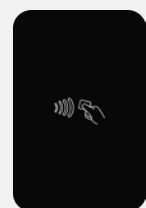
Blank Module.

MOD-DDA-LOOP



Hearing Loop.

MOD-PROX



Prox.

## Back box options (1x3 onward only):

AB Backbox



Architectural unit with backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel unit\*.

PB Backbox



Pedestal black unit.

\*Steel effect modules are subject to availability. Black modules can also be used with the steel backbox.

## Multicom Classic modular Imperial units examples:

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



### MODULAR MULTICOM CLASSIC 1x3

Modular panel with speaker, digital scroll screen and prox/keypad module.



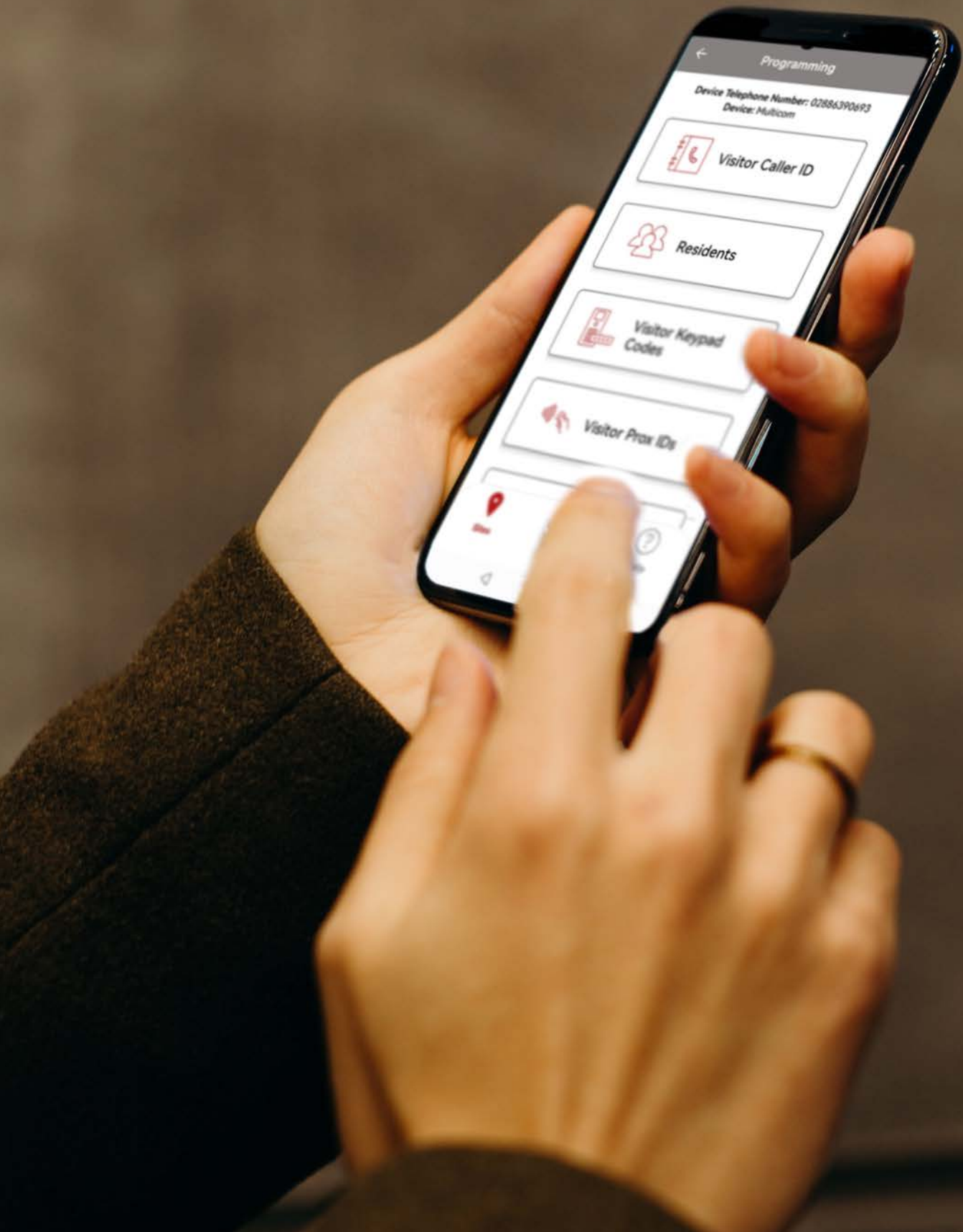
Antenna.

### MODULAR MULTICOM CLASSIC 2x2

Modular panel with speaker, digital scroll screen, prox/keypad module.



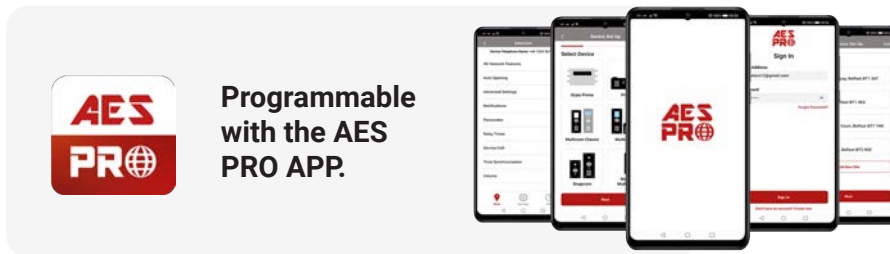




# MULTICOM LITE

## Multi Family Intercom

- Multicom Lite - 4G LTE capable, GSM multi-apartment intercom.
- Display up to 30 families on the illuminated directory screen.
- Up to 100 family direct dialling from the keypad.
- 300 maximum Caller ID numbers (not including visitor CID).
- Do not disturb feature.
- FOTA – Upgrade firmware via SMS.



DETAILS			
Dial Out Numbers per Apartment	3 per apartment (300 Total)	Relays	2
Keypad Codes per Apartment (6 digit)	1 per apartment (100 Total)	Relay Type	N/C and N/O
Prox Cards/Tags per Apartment	3 per apartment (300 Total)	Relay Load	2 amps, 24v ac max
Automatic Trigger Events per Week	10	Power Consumption	300mA 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
Prox Cards	250	250	50
Keypad Codes (4 digits)			
Caller ID			

Works with our multi network AESIM.  
aesglobaltelecom.com



## Compulsory modules:

The Multicom Lite unit must have an illuminated info module, a speaker, a keypad & prox modules.

MOD-INFO



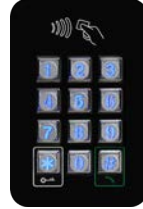
ILLUMINATED INFO WINDOW.

MOD-PRIME-EU



SPEAKER.

MOD-ASSM-PX-KP



ILLUMINATED KEYPAD WITH PROX.

OR

MOD-ASSM-KP



ILLUMINATED KEYPAD.

## Misc modules:

This keypad has to come with a separate prox module.

MOD-INFO



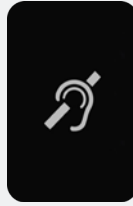
Illuminated info window.

MOD-BLANK



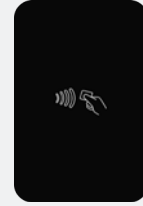
Blank Module.

MOD-DDA-LOOP



Hearing Loop.

MOD-PROX



Prox.

## Back box options (1x3 onward only):

AB Backbox



Architectural unit with backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel unit\*.

PB Backbox



Pedestal black unit.

\*Steel effect modules are subject to availability. Black modules can also be used with the steel backbox.

# Multicom Lite modular Imperial unit examples:

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



## MODULAR MULTICOM LITE 1x3

Modular panel with speaker, illuminated info window and prox/keypad modules.



Antenna.

## MODULAR MULTICOM LITE 2x2

Modular panel with speaker, illuminated info window, keypad and prox modules.





GSM



WIRELESS

# WIRELESS

Intercom System with a cordless telephone.

IP/4G



FC  
CE

\*603 & 703 SYSTEMS ONLY

HARD-WIRED



AES

# DECT 603

Digital Enhanced Cordless Telecommunications

Simple Wireless Access



WIRELESS

Handsfree wall/desk mount or cordless portable handset options.

- Up to 400 meters open field range!
- Working range of 200 meters through 1 exterior concrete, brick or stone wall.
- Up to 4 handsets / indoor units per system.
- Built in voicemail feature to record missed callers at your door or gate (playback from handset - English & French only).
- Intercall between handsets.

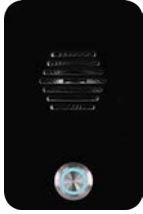
## DETAILS

Outdoor Speech Panel		Indoor Handsets	
Relays	2	Power Supply	Charging Base = 5v dc Wall Unit = 12v dc
Keypad Relays	3	Volume Adjust	Yes
Power Supply	24v ac/dc (24v dc 2A adaptor included)	Voicemail Capacity	16
Current Consumption	65mA Standby, 400mA Calling	Calling Between Handsets	Yes
Keypad codes/Prox cards	1200 total across 3 relays		

## Compulsory module:

The 603 panel must have a speaker & call button module.

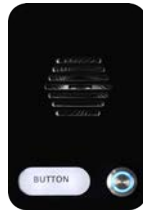
MOD-CP-1B



SPEAKER & SINGLE  
BUTTON/WINDOW.



MOD-CP-1B-WIND



SINGLE BUTTON/  
WINDOW.

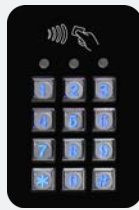
## Misc modules:

MOD-ASSM-KP



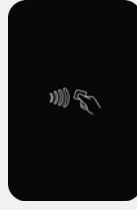
Keypad.

MOD-ASSM-PX-KP



Prox & keypad.

MOD-PROX



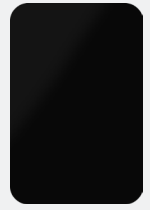
Prox.

MOD-INFO



Illuminated info  
window.

MOD-BLANK



Blank  
Module.

## Back box options:

AB Backbox



Architectural unit with  
backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel unit\*.

PB Backbox



Pedestal black unit.

\*Steel effect modules are subject to availability.  
Black modules can also be used with the steel backbox.



# 603 modular Imperial unit examples:

Each kit contains, a speech panel, power supply, install manual, transmitter, portable handset OR desktop/wall-mounted handset.

Transmitter



### MODULAR 603 1x1

1X1 Modular panel with speaker 1 call button module.



### MODULAR 603 1x2

Modular panel with speaker and 1 call button and keypad modules.



### MODULAR 603 1x3

Modular panel with speaker and 1 call button, keypad and prox modules.



### MODULAR 603 2x2

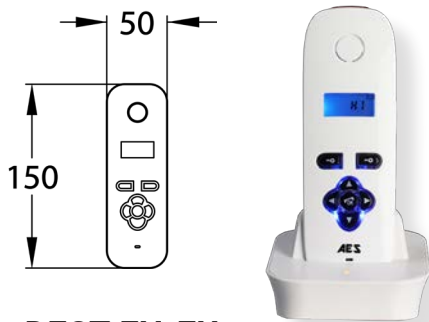
Modular panel with speaker 1 call button, keypad, prox modules and illuminated info window.

WIRELESS

# DECT 603 Accessories

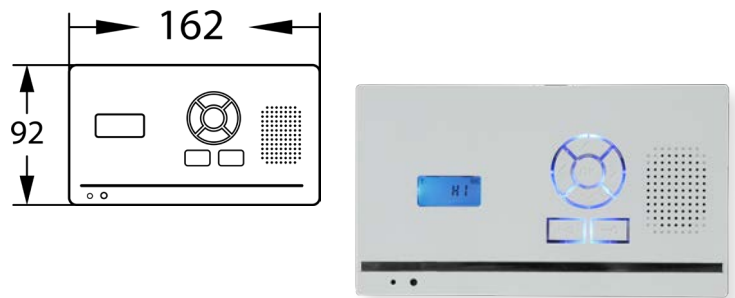
## Audio Handsets

Additional handsets (up to total of 4 max per intercom, which can be a mix and match of both styles.)



**DECT-EH-EU**

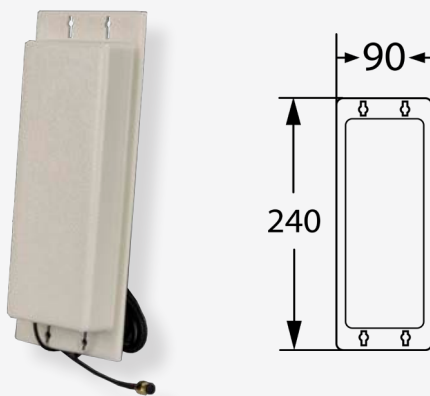
Handsfree Handset comes with charging base & power supply.



**DECT-HF-EH-EU**

Handsfree Handset comes with desktop bracket & wall mount bracket. Plus power supply.

## Boost Antenna



**603-WIFIA-EU**

Range boosting antenna which can be added to transmitter at gate and also optionally to the handsfree monitor type. One antenna can boost range by 30%. Comes with 2 metre antenna cable (RG174 with SMA male connector).



WIRELESS

# DECT 703

## Wireless Multi-Button Intercom

- Digital D.E.C.T wireless intercom system for flats, apartments or shared gate entrances.
- Up to 4 call buttons, each button calling a different handset.
- Working range of 200 metres through concrete (up to 400 metres open field). Simple setup and install.
- 1 handset per property or apartment.
- Keypad for coded access (Panels with built-in prox reader available).
- Built in voicemail feature for missed callers, user can listen to messages on the handset. (playback from handset - English & French only).
- 2 Relays.



Home 1



Home 2



Home 3



Home 4



Transmitter

### DETAILS

Power Supply	24v ac/dc (24v dc 2A adaptor included)	Cable Between Speech Unit & Transmitter	4 metre screened CAT5 included
Current Draw	50mA standby, 1 amp peak	Max Cable Length	8 metres max
Relay Outputs	2	Cable Cores	2 x SPK, 2 x MIC, 2 x button, 2 x relay, 2 x power.
Relay Time	Adjustable, 1,3,5,9 secs	Calling Between Handsets	Yes
Relay Load	Max 2 amps, 24v ac	Keypad Programming	On the keypad
Handsets per System	4 (Depending on speech panel - max 1 per button)	Keypad Codes & Prox cards/tags.	1200 (Across 3 separate relays)
Range	Practical working range of 200 metres. 400 metres open field conditions		

# Compulsory modules:

The 705 multi button panel must have a speaker & min 2 call buttons module.

MOD-CP



SPEAKER.

MOD-2B



Unit must have a min of 2 call buttons.

## Call button modules options:

MOD-2B



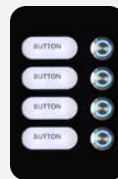
2 Button Module.

MOD-3B



3 Button Module.

MOD-4B



4 Button Module.

## Misc modules options:

MOD-ASSM-KP



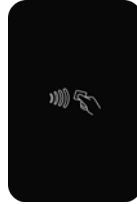
Keypad.

MOD-ASSM-PX-KP



Prox & keypad.

MOD-PROX



Prox.

MOD-INFO



Illuminated info window.

MOD-BLANK



Blank Module.

## Back box options:

AB Backbox



Architectural unit with backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel unit\*.

PB Backbox



Pedestal black unit.

WIRELESS

\*Steel effect modules are subject to availability. Black modules can also be used with the steel backbox.

Each kit contains, a speech panel, power supply, install manual, transmitter, portable handsets OR desktop/wall-mounted handsets.

*Non-keypad pre-assembled kits (Imperial):*



**MOD-703-IB2-EU**  
2 button kit with 2 handsets, hooded panel.



**MOD-703-IB3-EU**  
3 button kit with 3 handsets, hooded panel.



**MOD-703-IB4-EU**  
4 button kit with 4 handsets, hooded panel.

## Keypad pre-assembled kits (Imperial):



**MOD-703-IBK2-EU**

2 button kit with 2 handsets, hooded panel with keypad.



**MOD-703-IBK3-EU**

3 button kit with 3 handsets, hooded panel with keypad.



**MOD-703-IBK4-EU**

4 button kit with 4 handsets, hooded panel with keypad.



For kits with the desk/wall-mounted handsfree handset.

Add HF to product code:

**MOD-703-*HF*-IBK4-EU**

# DECT 705

Talk & view your caller over a wireless video handset.

## Wireless Video Access

WIRELESS



Cordless portable video handset (3.5" LCD colour display).  
(Max one video handset per system)

- Wireless video intercom system for gates.
- One of the longest range Rf video intercoms in the world, working range 200 metres (400m open field).
- Unique technology combining 2.4GHz digital & DECT 1.88GHz digital signals.
- Colour camera with infrared night vision capability.
- Long range antenna as standard.
- Gate / Door release relay built-in.
- Optional keypad for access control.

### DETAILS

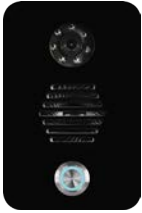
Power Supply	24v ac/dc (24v dc 2A adaptor included)	Handset Battery	Lithium Ion mobile phone battery
Current Consumption	50mA standby, 1Amp calling	Night Vision	Yes, by infrared illumination
Relay Outputs	1	Battery Life	24 hours between charges
Relay Type	N/O & N/C contacts	Charging Voltage	5v dc (5v dc adaptor included)
Relay Time	Fixed 4 seconds	Keypad Relays	3
Relay Load	2A 24v AC max	Keypad Codes	1200 (Across 3 separate relays)
Camera	80 degree viewing angle	Voicemail	Yes (Requires audio handset)



## Compulsory module:

The 705 panel must have a video, speaker & call button module.

MOD-705



705 SPEAKER, VIDEO & CALL BUTTON.

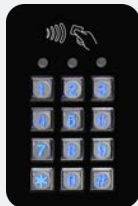
## Misc modules:

MOD-ASSM-KP



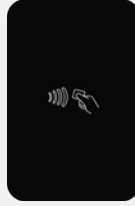
Keypad.

MOD-ASSM-PX-KP



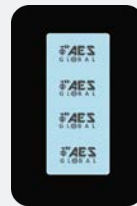
Prox & keypad.

MOD-PROX



Prox.

MOD-INFO



Illuminated info window.

MOD-BLANK



Blank Module.

## Back box options:

AB Backbox



Architectural unit with backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel\*.

PB Backbox



Pedestal black unit.

\*Steel effect modules are subject to availability.  
Black modules can also be used with the steel backbox.

# 705 modular Imperial unit examples:

Each kit contains a video speech panel, power supply, install manual, Wi-Fi antenna, one portable video handset (handset stand bracket included).



Antenna

Stand bracket

WIRELESS



### MODULAR 705 1x1

1X1 Modular panel with video, speaker and 1 call button module.



### MODULAR 705 1x2

Modular panel with video, speaker and 1 call button and keypad module.



### MODULAR 705 1x3

Modular panel with video speaker, 1 call button, keypad and prox module.



### MODULAR 705 2x2

Modular panel with video, speaker, 1 call button, keypad, prox module and illuminated info window.

## DECT 705 Accessories



### DECT-EH-EU

Add up to 3 additional audio handsets to any 705 video kit.



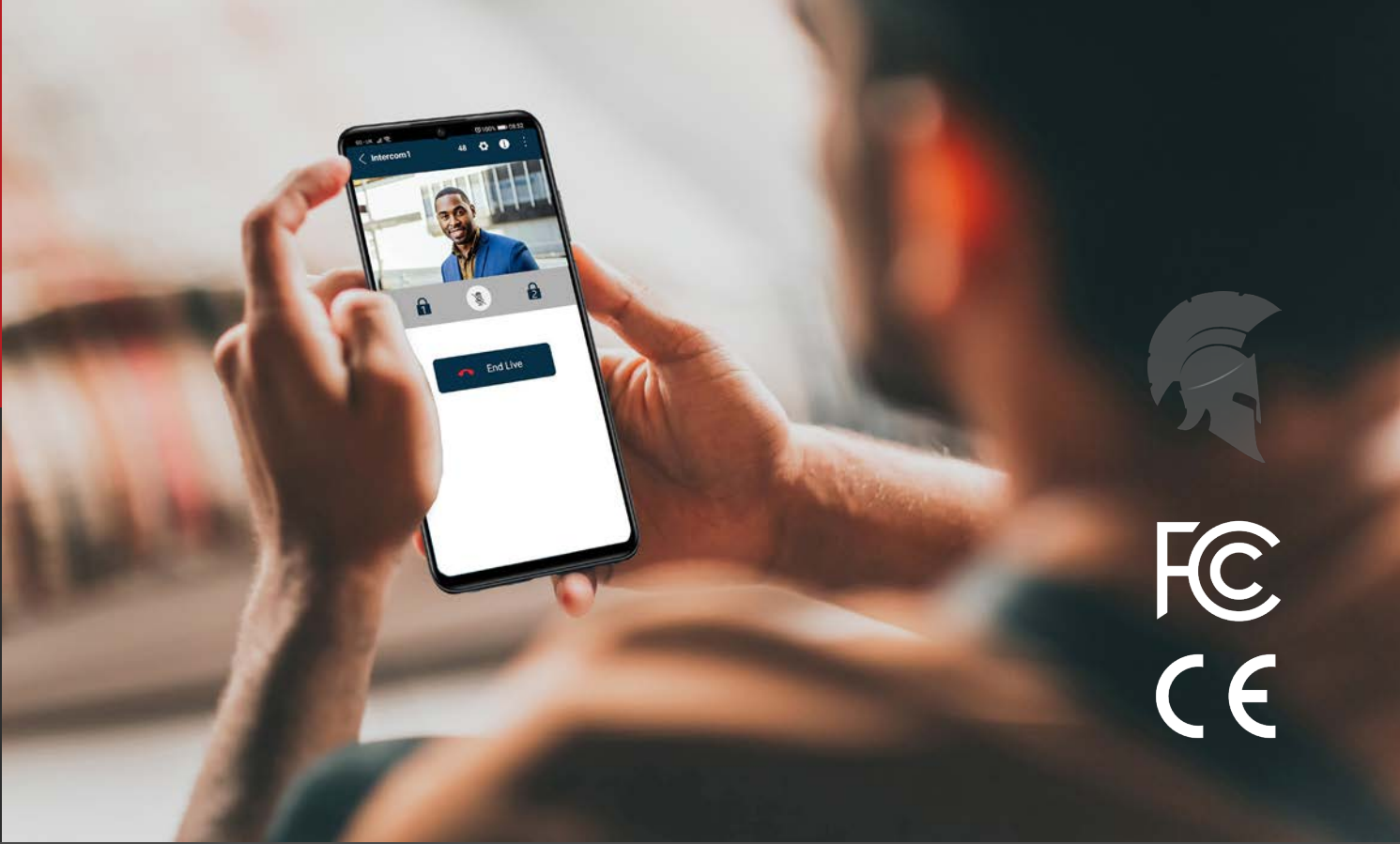
### 705-AC5-EU (Antenna Cable)

Antenna extension cable kit. Complete with SMA male – female couplings. 2x5 metres long to extend antenna height or location to achieve better results.



GSM

WIRELESS



FC  
CE

IP/4G

# IP-4G

Smart phone IP-4G Video Intercom System.

HARD-WIRED



# PRAETORIAN GUARD

## IP - 4G Video Intercom System



The 4G modem has an access point to the internet via a compatible SIM card\*.



Smart APP



IP/4G

- **Speak & view your visitors from anywhere in the world.**
- Grant access remotely - Send a command to the gate motor via the app to open your gates etc.
- Optional integrated keypad for access codes – 24-7 / Timed / Temporary.
- Optional integrated proximity for access - Cards/Tags - 24-7 / Timed / Temporary.
- Voicemail - Visitors can leave a video message when unanswered (SD card required).
- Multi-User - Add up to 8 maximum devices per Intercom ID. (incl ADMIN user. 4 maximum for optimal performance.)
- Connect via a 4G Access Point via sim card or WiFi, LAN Cable (Sold Separately) (Dualband WIFI. 2.4 & 5.8G wifi (IEEE 802.11 b/g/n/a/c).
- Volume of external speaker adjustable at the call-point.

\* MIN 1.5MB UPLOAD.

\* MIN 1GB PER MONTH DATA (Depending on usage).

\*Works with our multi network AESIM. (Data SIM)

[aesglobaltelecom.com](http://aesglobaltelecom.com)





\*HD camera with digital video motion sensor.

Colour camera with night vision and IR cut filter.



Infra-red night vision illuminators.

### 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.

Wi-Fi antenna sold separately or part of a IP kit. (Not included in 4G kits)



### 4G Robustel modem

Add the 4G robustel modem to Praetorian Guard IP Intercom for 4G access point.

4GE/M (UK/EU)  
4GUS/M (USA)  
4GAU/M (AU/NZ)

## Installer / User App



You can now use the all-new **AES SMART APP** to control the Praetorian Guard Intercom. Using a sleek new user interface, ensuring a more user-friendly experience and improved functionality.

### How about units that are already installed?

The old PCB's (V68) can use both Praetorian Guard & AES SMART apps (If using AES SMART, new features will not be available to them).

New PCB's (v80+) can only use the AES SMART app.

		DETAILS	
Permanent Codes/cards	100	Relay Type	N/C and N/O
Time Restricted Codes/cards	100	Relay Load	2 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.

# Compulsory module:

The Praetorian panel must have a speaker, video & call button module.

MOD-PRAE



PRAETORIAN IP-4G.

## Keypad modules options:

MOD-IP-KP



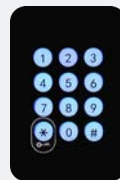
Illuminated keypad.

MOD-IP-PX-KP



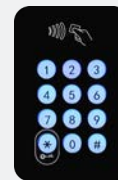
Combined Prox & keypad.

MOD-IP-RKP



Silicone Illuminated keypad.

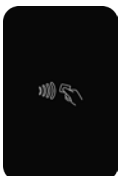
MOD-IP-PX-EKP



Silicone combined prox & keypad.

## Misc modules options:

MOD-PRIME-PX



Prox.

MOD-BLANK



Blank Module.

MOD-INFO



Illuminated info window.

## Back box options:

AB Backbox



Architectural unit with backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel\*.

PB Backbox



Pedestal black unit.

\*Steel effect modules are subject to availability. Black modules can also be used with the steel backbox.

# Praetorian *IP* modular Imperial unit examples:

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



## MODULAR PRAE 1x1

1X1 Modular panel with speaker, video & 1 call button module.

PRAE-IP-MOD-IBK 1x1



## MODULAR PRAE 1x2

Modular panel with speaker, video, 1 call button & keypad module.

PRAE-IP-MOD-IBK 1x2



## MODULAR PRAE 1x3

Modular panel with speaker, video, 1 call button, prox & keypad module.

PRAE-IP-MOD-IBPK 1x3



## MODULAR PRAE 2x2

Modular panel with speaker, video, 1 call button, keypad, prox module and illuminated info window.





IP/4G

Praetorian architectural unit  
example with backlighting  
effect & silicone prox keypad.

# Praetorian **4G** modular Imperial unit examples:

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



## PRAE MOD 1x1

1X1 Modular panel with speaker, video & 1 call button module.

PRAE-4G-MOD-IB 1x1



## PRAE MOD 1x2

Modular panel with speaker, video, 1 call button & keypad module.

PRAE-4G-MOD-IBK 1x2



## PRAE MOD 1x3

Modular panel with speaker, video, 1 call button, prox & keypad module.

PRAE-4G-MOD-IBPK 1x3



## MODULAR PRAE 2x2

Modular panel with speaker, video, 1 call button, keypad, prox module and illuminated info window.



## 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.



IP/4G

GSM

WIRELESS

IP/4G



HARD-WIRED

# HARD WIRED

Hard wired audio system.

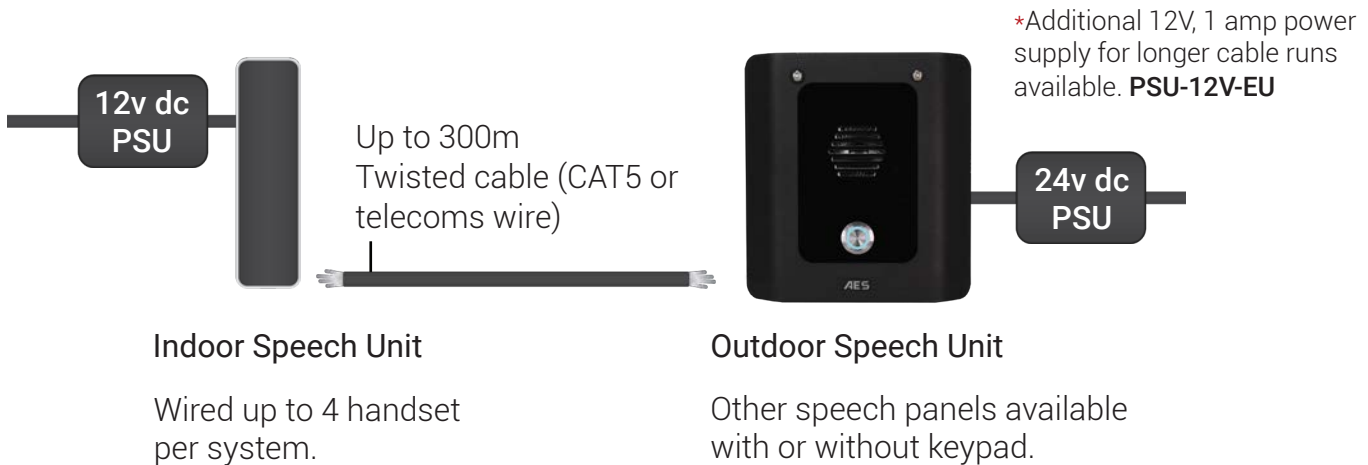




# SLIM

## Wired Audio Intercom System

- Up to 4 handsets per system.
- Curved profile stylish handset available in black or white.
- 150m typical cabled range using twisted pair cables.
- 24V dc 2A power supply included\*. (Handsets 12v dc)



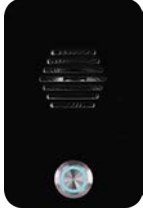
HARD-WIRED

TECHNICAL DETAILS	
Power	24v dc (24c dc 2A included) (Handsets 12v dc)
Working Distance	150m on 24AWG CAT5 cable
Weather Rating	IP55
Wiring	3 Wire or 5 wire option
Relays	2
Relays Type	N/O momentary 4 second pulse
Keypad codes/Prox cards	1200 total across 3 relays

## Compulsory module:

The Slim panel must have a speaker & call button.

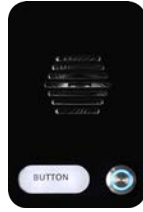
MOD-CP-1B



SPEAKER & SINGLE  
BUTTON/WINDOW.

OR

MOD-CP-1B-WIND



SINGLE BUTTON/  
WINDOW.

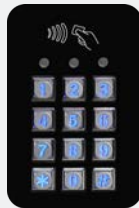
## Misc modules:

MOD-ASSM-KP



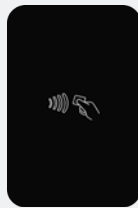
Keypad.

MOD-ASSM-PX-KP



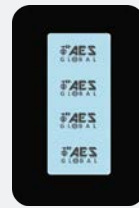
Prox & keypad.

MOD-PROX



Prox.

MOD-INFO



Illuminated info  
window.

MOD-BLANK



Blank Module.

## Back box options:

AB Backbox



Architectural unit with  
backlighting effect.

FB Backbox



Flush black unit.

FS Backbox



Flush steel\*.

PB Backbox



Pedestal black unit.

\*Steel effect modules are subject to availability.  
Black modules can also be used with the steel backbox.

# Slim modular Imperial unit examples:

Each kit contains, a speech panel, power supply and install manual. Wall-mounted handsfree handset (up to 4 handsets per system, sold separately).

SLIM-HF-EH-B-EU

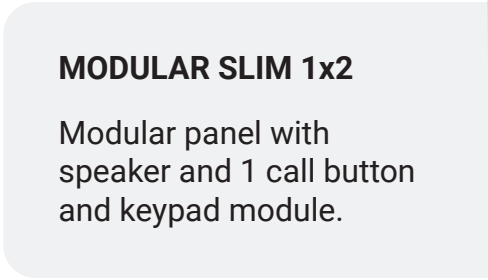


SLIM-HF-EH-W-EU



### MODULAR SLIM 1x1

1X1 Modular panel with speaker 1 call button module.



### MODULAR SLIM 1x2

Modular panel with speaker and 1 call button and keypad module.



### MODULAR SLIM 1x3

Modular panel with speaker and 1 call button, keypad and prox module.



### MODULAR SLIM 2x2

Modular panel with speaker 1 call button, keypad, prox module and illuminated info window.



HARD-WIRED

# IMPERIAL RANGE

All black hooded power-coated BS316 marine grade stainless steel.



MOD-IB-1x1



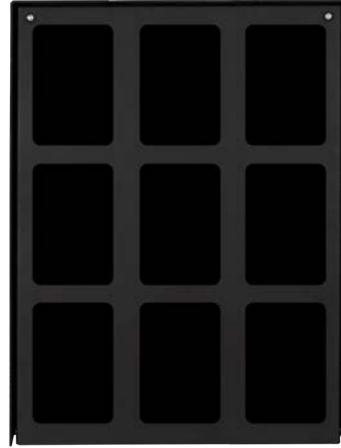
MOD-IB-2x2



MOD-IB-1x3



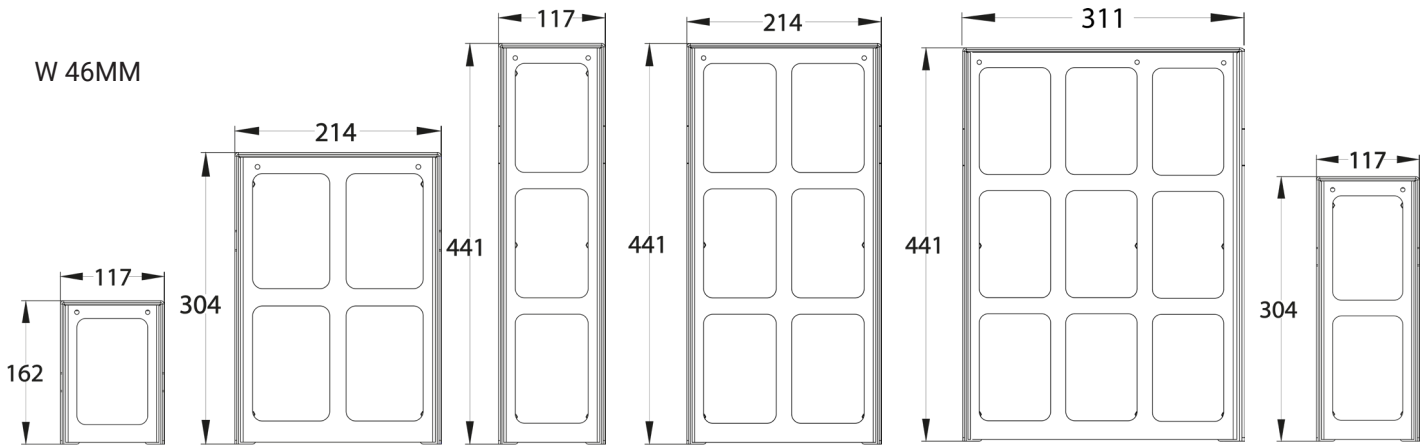
MOD-IB-2x3



MOD-IB-3x3



MOD-IB-1x2



# ARCHITECTURAL RANGE

All black curved power-coated BS316 marine grade stainless steel. These units have blue wall backlighting.



MOD-AB-1x1



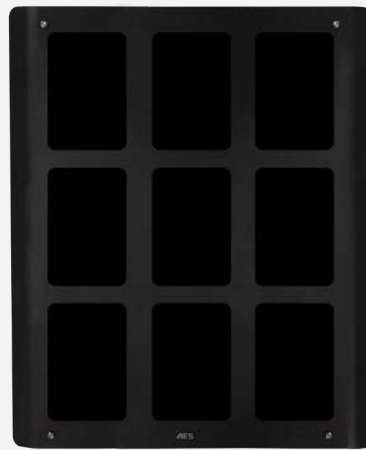
MOD-AB-2x2



MOD-AB-1x3



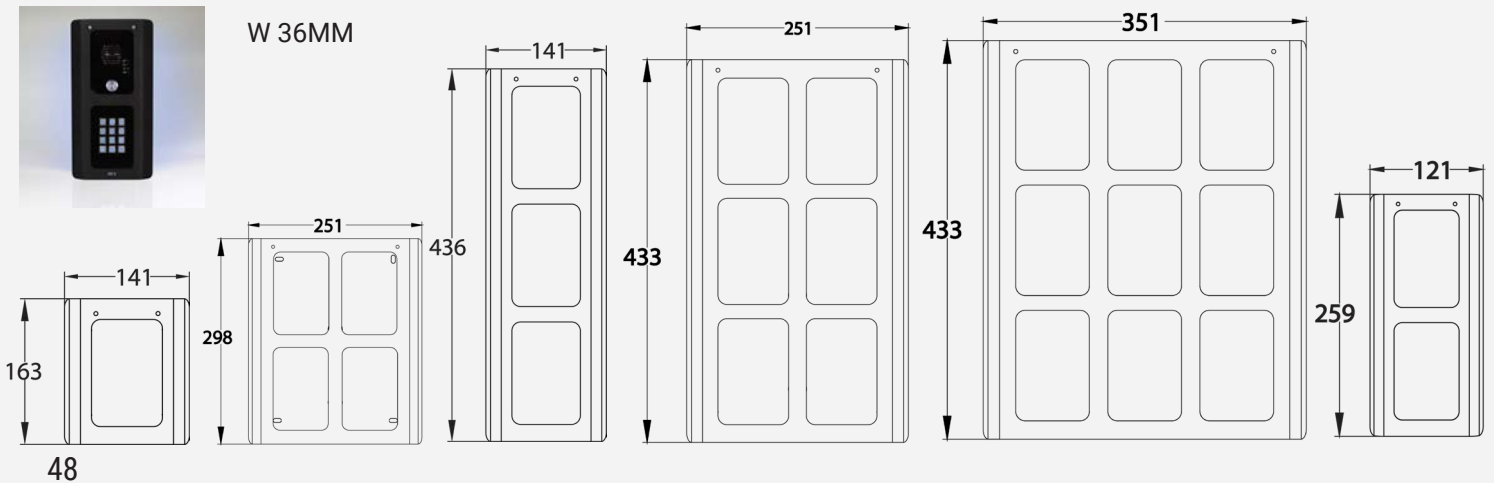
MOD-AB-2x3



MOD-AB-3x3



MOD-AB-1x2





# FLUSH RANGE

All black power-coated 100% BS316 marine grade stainless steel.



MOD-FB-1x1

MOD-FB-2x2

MOD-FB-1x3

MOD-FB-2x3

MOD-FB-3x3

MOD-FB-1x2

# STEEL FLUSH

100% BS316 marine grade stainless steel.



MOD-FS-1x1

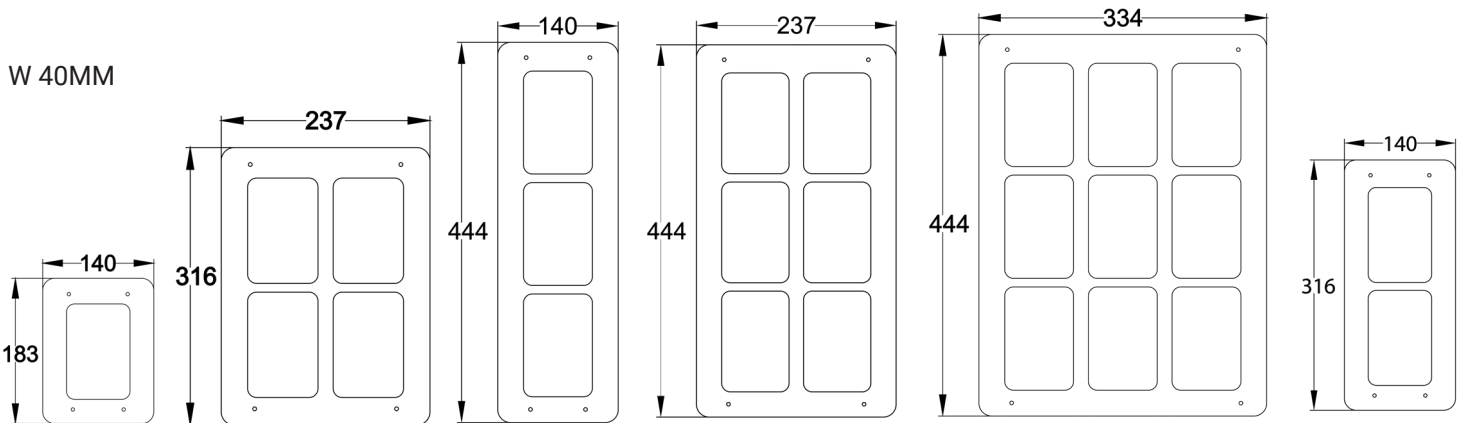
MOD-FS-2x2

MOD-FS-1x3

MOD-FS-2x3

MOD-FS-3x3

MOD-FS-1x2



# PEDESTAL RANGE

All black hooded power-coated BS316 marine grade stainless steel.



**MOD-PB-1X1**



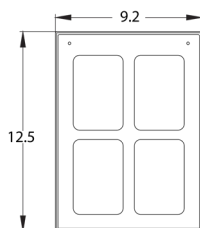
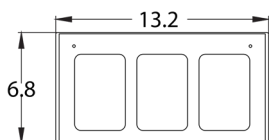
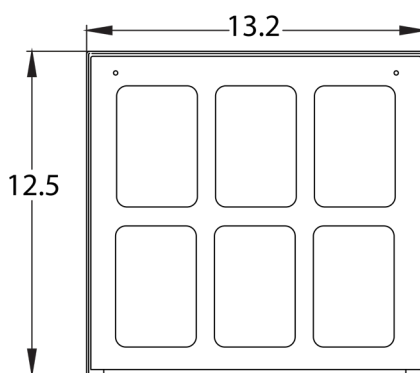
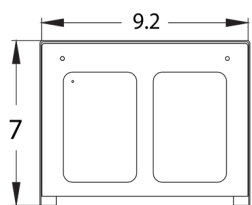
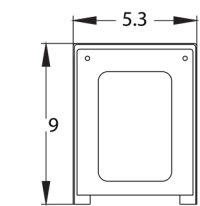
**MOD-PB-2X2**



**MOD-PB-3X2**



**MOD-PB-3X3 (13"H x 17.8"W)**



**MOD-PB-2X1**



**MOD-PB-3X1**



# RESOURCES



## Product Resources

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

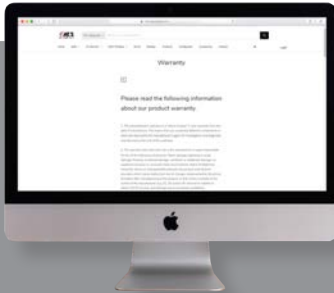
[aesglobalparts.com/pages/resource-page-home](http://aesglobalparts.com/pages/resource-page-home)



## Visit our AES Parts website for any spare parts.

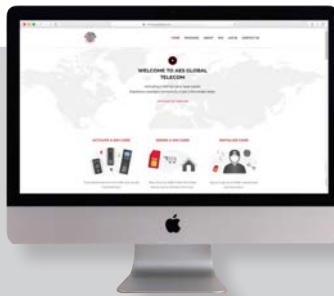
[aesglobalparts.com](http://aesglobalparts.com) (UK-EU)

[aesglobalparts.us](http://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](http://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](http://aesglobaltelecom.com)



## Contacts:

Main website: [aesglobalonline.com](http://aesglobalonline.com)



For tech support:

E. [technical@aesglobalonline.com](mailto:technical@aesglobalonline.com)

T. +44 (0) 288 639 0 693

Live chat on website.



For sales support:

E. [sales@aesglobalonline.com](mailto:sales@aesglobalonline.com)

E. [orders@aesglobalonline.com](mailto:orders@aesglobalonline.com)

T. +44 (0) 288 639 0 693

Live chat on website.



For sim card support:

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

T. +44 (0) 288 639 0 693

Live chat on website.



🌐 [www.aesglobalonline.com](http://www.aesglobalonline.com)  
✉ [sales@aesglobalonline.com](mailto:sales@aesglobalonline.com)  
☎ +44 (0) 288 639 0 693

📍 4 Kilcronagh Business Park,  
Cookstown, BT80 9HJ, UK.



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