Installation & User Instructions

CellCOM PRIME Standalone Cellular Range

PROFESSIONAL INSTALL ONLY

Suitable from Firmware Version 2.2.5 (FOTA)

The manufacturer cannot legally offer technical support to non-qualified gate or door installers. End users should employ the services of a professional install company to commission or support this product!

Tip: Site Survey BEFORE you begin.
See pages 3-4

WARNING

Do not power from the gate controller. Only use the provided UL power supply, otherwise damage may occur and warranty may be void.

Index

PHASE 1

Site Survey

Important things you Need to Know…

1

Please read this entire manual before installing this product.

2

To be installed by certified and qualified personnel / gate automation dealer only. **Not for DIY install!**

3

Ensure there is a good 4G signal on site. 4G units will fall back to 3G service in some countries.

4

Set up, on a bench in the workshop **BEFORE** going to the site. Program the unit in the comfort of your workbench and call technical support should you have questions.

5

This product requires a regular voice & SMS SIM card. **Do not use a data-only SIM, as this will not work in the unit.**
To make voice calls on a 4G system and get optimum service, your SIM and provider will need to offer VOLTE support (Voice over LTE) otherwise the unit will be forced to fall back to 3G or 2G service to make calls.

6

Manufacturer warranty does NOT cover lighting/storm damage. In lightning prone areas, you MUST fit external surge protection and a lightning rod to maintain warranty on this product.

PHASE 2

Product Overview

Overview of Intercoms (Architectural Design)

Antenna Separate

Overview of Intercoms (Imperial Design)

Antenna Separate

Overview of Intercoms (Pedestal Design)

Antenna Integrated

Overview of Intercoms (Flush Design)

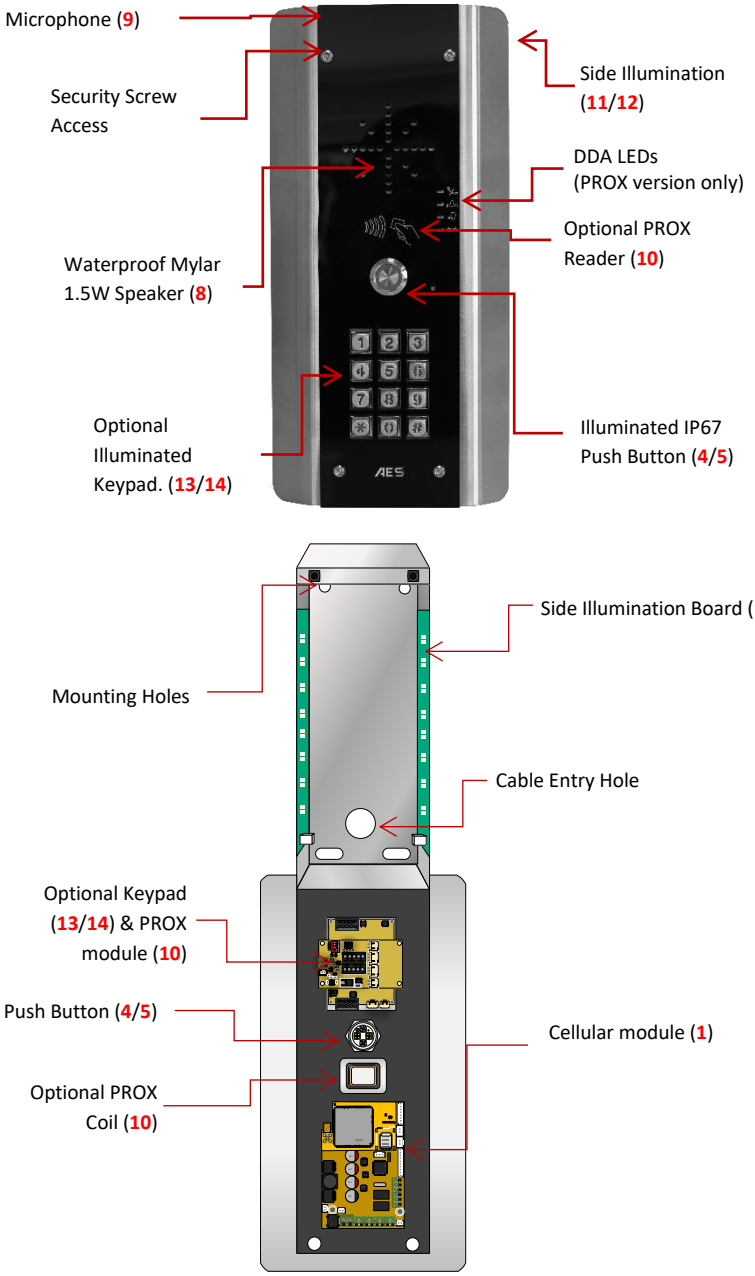
Antenna Separate

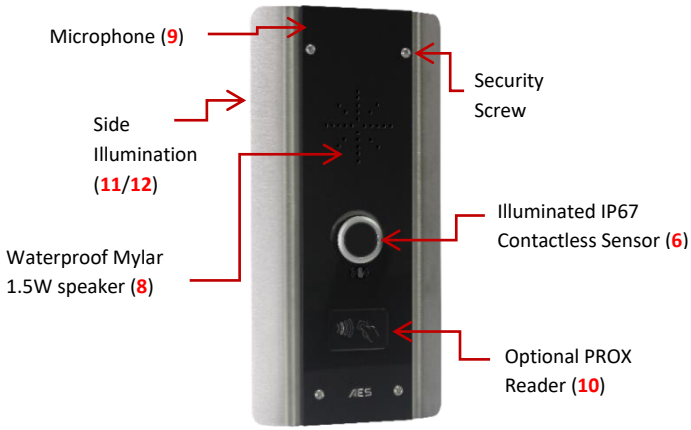
More Detail….

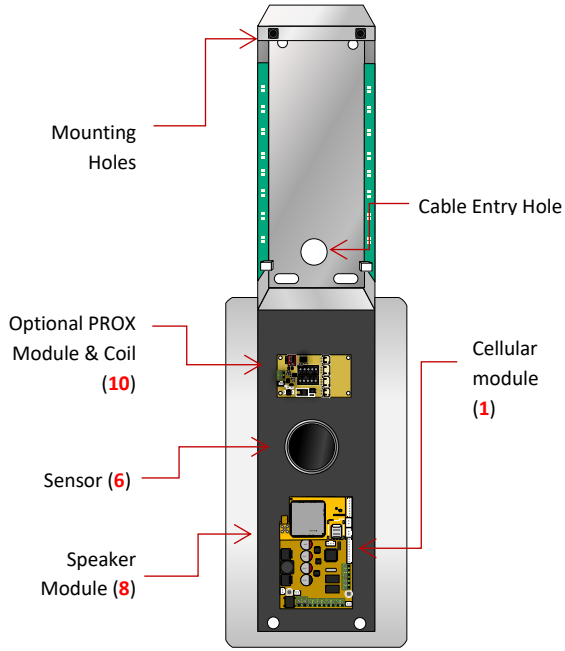
Note: the numbers in the brackets (#) relate to the sellable code table on page 17.

Architectural Model



Architectural Model (No Touch)



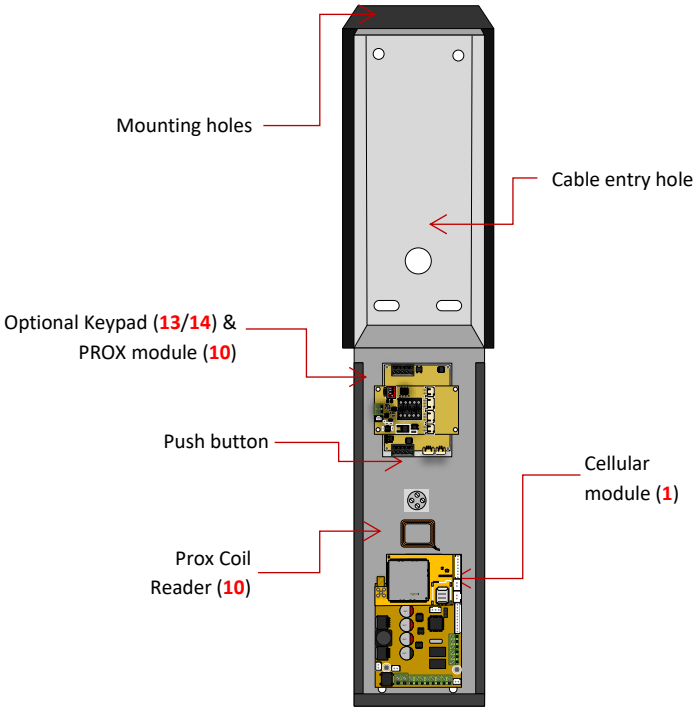


Due to the nature of a contactless sensor in replace of a physical button, and if using the panel externally, the sensor must be protected from direct rain/snowfall to avoid false triggering.

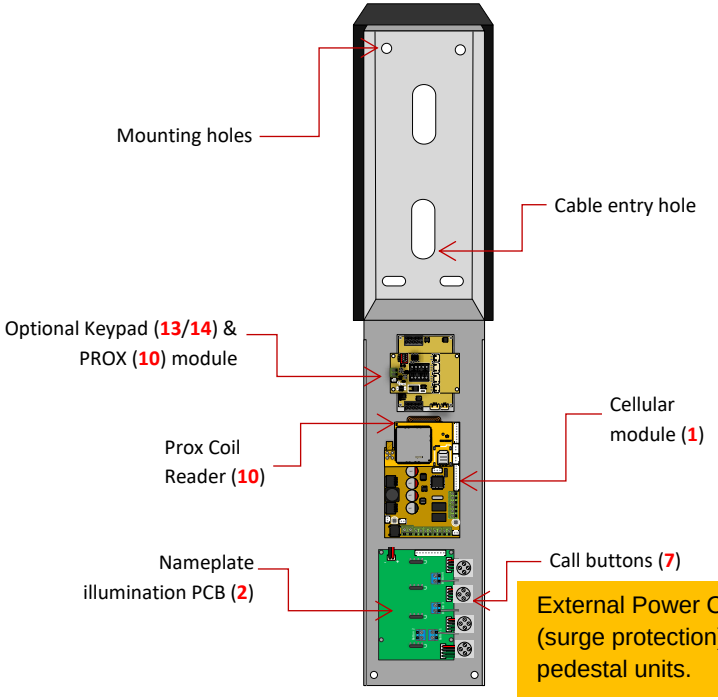
Note: the infrared sensor's proximity range is fixed (approx. 14 cm) respectively the no touch sensor can be triggered by anything that passes in front of it for example but not limited to heavy snow, heavy rainfall; bugs; cobwebs etc… This can cause false triggering issues if not properly maintained.

There is a 'Do Not Disturb' feature that can be programmed to prevent calls being received at set hours, but this is not a replacement for providing adequate cover for the sensor.

Imperial Version

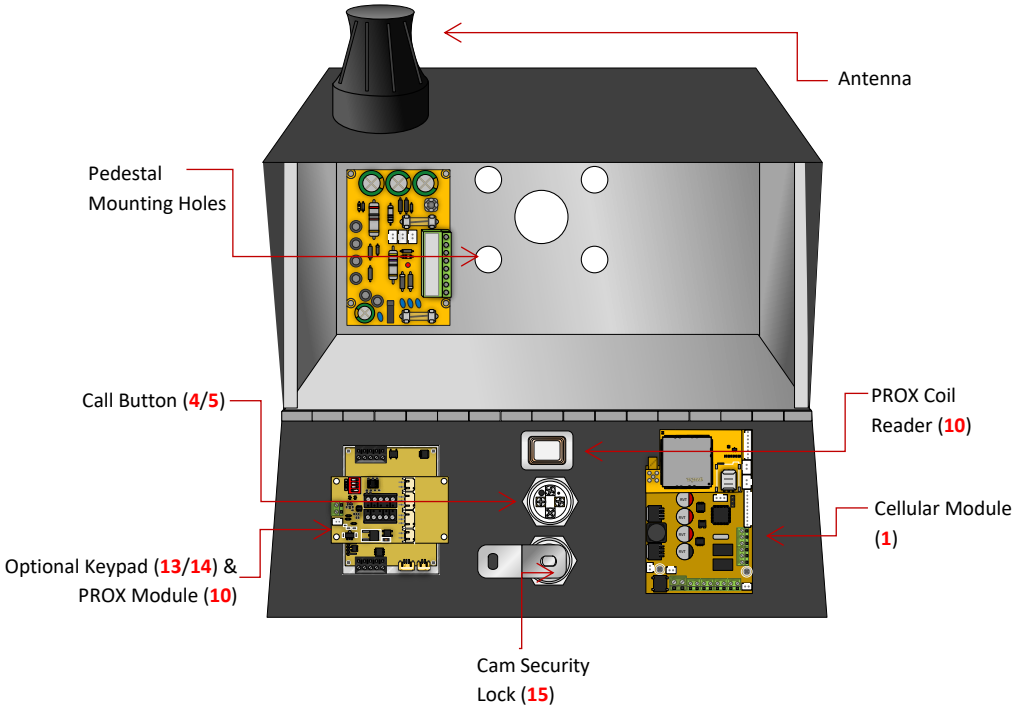


Imperial Version (Multibutton)

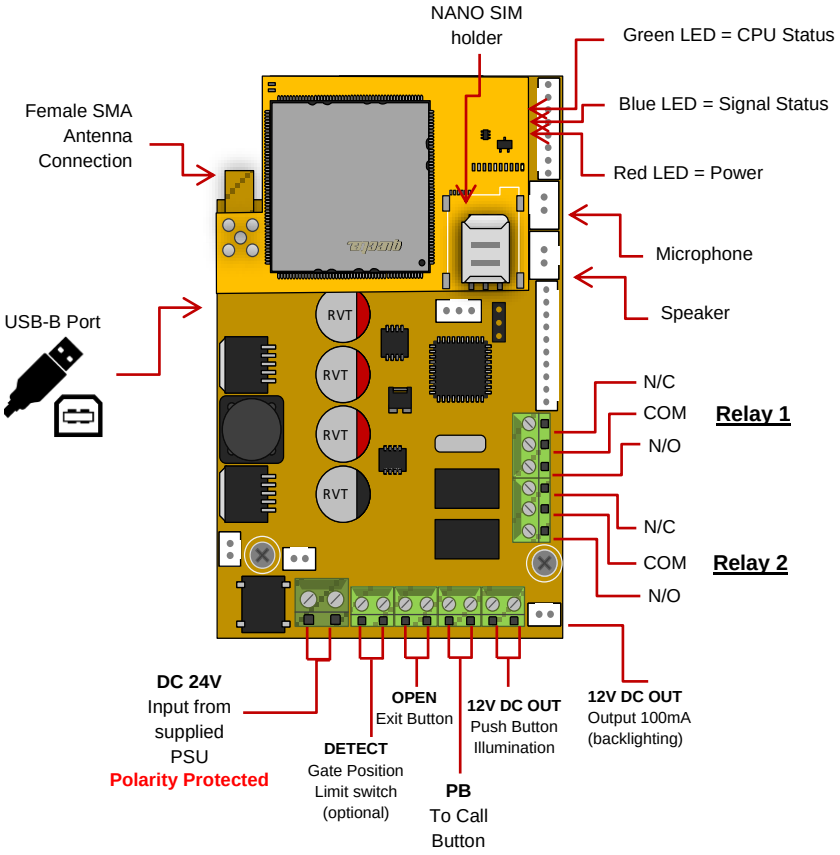


External Power Conditioning Module (surge protection) provided with non-pedestal units.

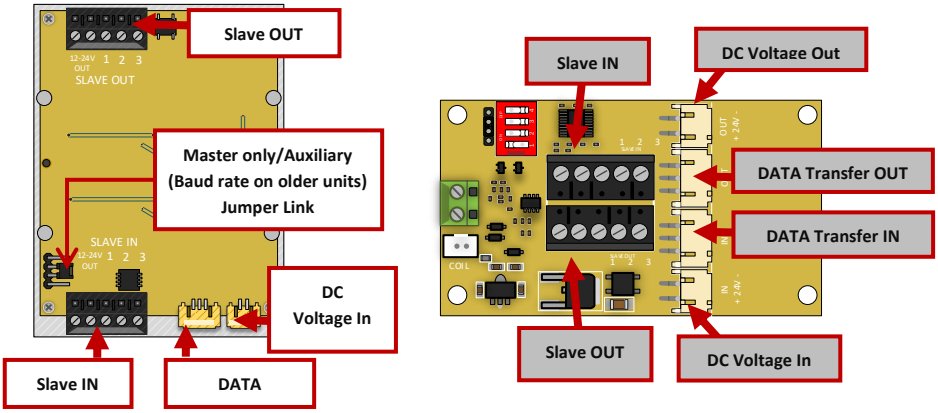
Pedestal Version



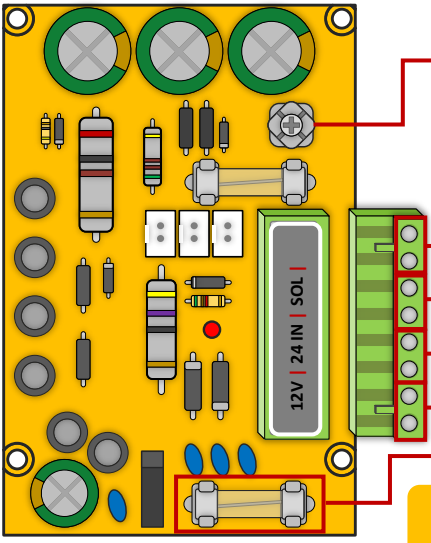
Main Cellular Module (1) in Detail…



Keypad (13/14) & PROX Modules (10) in Detail



Overview of Surge PCB (3)



Earth Rod MUST be connected for warranty.

Power Output

NOT USED

24v INPUT – Use provided power supply or hook up to 24v solar system. (DO NOT USE 12v HERE)

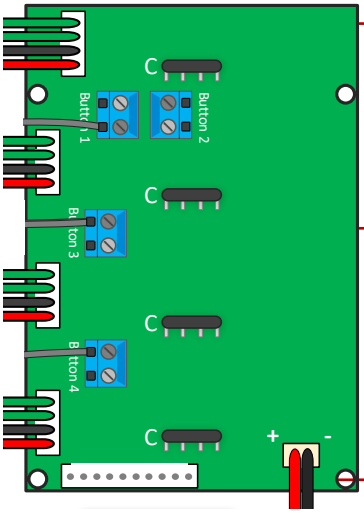
12v DC – Battery backup

1 Amp Quick Blow Input Fuse (REPLACEABLE)

Must use a 30 Watt solar panel (minimum) and at least 2 x 10Ah batteries to supply a regulated 24v

Overview of Multibutton PCB (2)

*Multibutton Systems Only



Button Power & Connection Cable

Direct Cable Connectors (NOT USED)

10-Way Connection Cable

Note: Connections will be pre-wired.

	Component Sellable Codes	
	Component	**Sellable Code**
1	4G Prime PCB	Prime7AB-PCB-US
2	Multibutton PCB	MC-NP-MB
3	Surge PCB	SURGE3
4	Blue push button	BPB-24V
5	White push button	WPB-24V
6	No touch sensor	NT-BUTTON
7	Multibutton buttons	ECO-BUTTON
8	Speaker	SPK-ASSM
9	GSM Microphone	MPA
10	Prox PCB and coil	PROX-PCB-PRIME6
11	Backlighting PCBs (blue)	LEDB-PCBA-ABK-V2
12	Backlighting PCBs (white)	LEDW-PCBA-ABK-V2
13	Blue prime keypad	PRIME-KP-B-KIT
14	White prime keypad	PRIME-KP-W-KIT
15	Cam Security Lock	IBK-LOCK

Technical Specifications

GENERAL	
Front Panel	**Portrait Orientation** AB/ABK = 3mm Acrylic on Architectural Design Marine Grade Stainless Steel BS316 Front Plate AS/ASK = 1mm Marine Grade Stainless Steel BS316 on Architectural Design Marine Grade Stainless Steel BS316 Front Plate FS/FSK = 1mm Marine Grade Stainless Steel BS316 on Flush Design Marine Grade Stainless Steel BS316 Front Plate IB/IBK = 3mm Acrylic on Imperial Design Marine Grade Stainless Steel BS316 Front Plate **Landscape Orientation** PED = Pedestal Surface Mount. Powder Coated Marine Grade Stainless Steel BS316 Front Plates with 3mm Acrylic on Design Marine Grade Stainless Steel BS316 Modular Plates
Hood Cover (MOD, IB(K), PED)	Powder coated Aluminium
Mounting Housing (Backbox)	Marine Grade Stainless Steel BS316
Mounting Type	AB/AS/ABK/ASK = Surface Mounted with backlighting IB/IBK = Surface Mounted FS/FSK = Flush Mounted PB/PBK/PS/PSK = Surface Mounted
Call Button	Stainless-steel button with illuminated LED Ring (max. 4 separate buttons)
Power Supply	24V DC
Power Consumption	**GSM PCB w/Keypad & Prox** Standby Current: 80mA Dial Out: 300mA Max Current: 2A
Solar Power	30Watt Solar Panel (minimum) 2x 12V 10AH Batteries connected in series to provide 24V output. The power output must be regulated.
Ingress Protection:	IP55
Approvals	FCC, CE
Dimensions	See catalogue
Operating Temperatures	-25 to +55°C / -13 to 131°F

KEYPAD MODULE	
Backlighting	Blue / White
Baud Rate	9600
Code Length	4 Digits (fixed)
Confirmation Key	N/A
Cellular	
Modem Models	4G Europe - SIM7500E 4G USA - SIM7500A 4G USA - QUECTEL EC25-AFX 4G AUS/NZ - SIM7500SA
Frequency Range	GSM900 880-915MHz, DCS 1800 1710-1785MHz WCDMA Band I 11920-1980MHz, WCDMA Band VIII 880-915MHz LTE B1, B3, B7 1920-9180MHz, 1710-1785MHz, 2500-2570MHz LTE B8, B20 880-915MHz, 832-862MHz
RF Output Power (EIRP)	32.55dBm (GSM 900), 29.73dBm (DCS 1800) 23.77dBm (WCDMA Band I), 23.78dBm (WCDMA Band VIII) 22.79dBm, 22.73dBm, 22.97dBm, 22.35dBm, 22.99dBm (LTE B1, B3, B7, B8, B20)
PROX TAGS	
Dimensions	40 x 25 x 4.5mm
Frequency	125 KHz
Type	Passive, fixed 10 digit.
Storage Temperatures	.-40°C to +85°C (-40°F to 185°F)
Operating Temperatures	.-40°C to +55°C (-40°F to 131°F)
Ingress Protection:	IP68
TECHNICAL DETAILS	
Dial Out Numbers	4
Permanent Codes/Cards	250
Time Restricted Codes/Cards	250
Temporary Codes/Cards	50
Automatic Trigger Events per Week	50
Permanent Caller ID Numbers	250
Time Restricted Caller ID Numbers	250
Relays	2
Relay Type	N/C and N/O
Relay Load	2 amps, 24v ac max
Modem Models	4G Europe, 4G USA, 4G AUS/NZ
Power Supply	24v dc (24v dc 2A adaptor included)

PHASE 3

Setup & Programming

(To be done before installing the intercom)

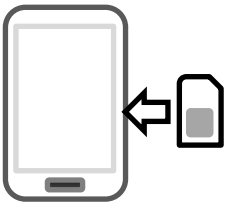
Cellular Coverage

Before installing this system, you need to be sure that there is good cellular coverage in the area it is to be installed. It is recommended that you conduct a site survey, and check reception on the site for cellular coverage. If reception is poor in the area, then this system is not recommended.

SIM Card

The system includes an AES SIM and will be pre-programmed with the APN to suit. If you wish to use a different SIM then the correct APN must be set for full operation. The alternative SIM will need to be a regular voice, SMS and data NANO SIM card, with at least 1GB of data allowance and capable of running on 4G service.

Do not use a data-only SIM, as this is only for tablets and will not work in the unit.



Alternative SIM Tips:

1) Ensure the SIM has calling credit and can make and receive calls on a mobile cell phone. (pre-pay)
2) Check that the SIM is not locked to a phone and can be used in other devices.
3) Check that the SIM does not have a PIN code request.
4) Disable voicemail service on the SIM.
5) You are now ready to begin programming.

Tip: IoT SIMs or certain networks may not operate as expected. Please ensure you have tested using a reputable network before reporting any faults.

If you wish to use the SIM card provided please follow the instructions with the SIM serial number. Further details can be found on our telecoms website.

www.aesglobaltelecom.com

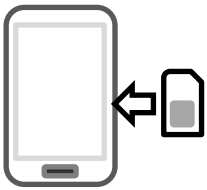
APN Details (for VoLTE / 4G services)

To achieve a full 4G network service, an Access Point Name (APN) will need to be set. The APN provides all the details that your device needs to connect to mobile data.

The system includes an AES SIM and will be pre-programmed with the APN to suit. If you wish to use a different SIM then the correct APN must be set for full operation

Pre-installed SIM: MODUS (AT&T); APN = 30304.mcs

Inserting the SIM card

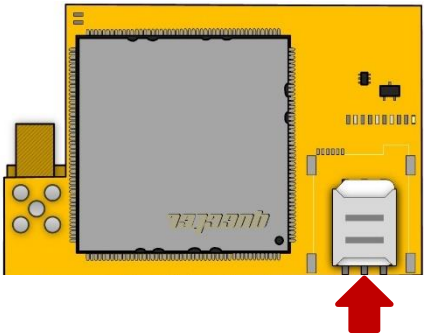


Please ensure the SIM card is a 4G NANO SIM card. Do not use a SIM card for a tablet, as these only support data, and do not support voice and SMS. You simply require a mobile phone type SIM card.

It is always good practice to check if the SIM is active by putting it into a phone and making a call.

Ensure SIM is activated.
Pre-pay SIM will need credit first.

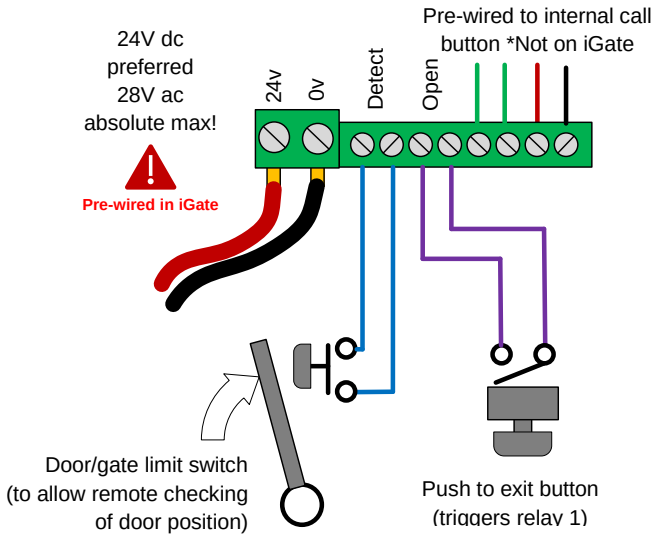
WARNING
Ensure power is OFF. Do not hot insert or remove while power on.



Insert chamfered edge first.

Power Connections

Perform a final check of wiring and ensure the antenna is connected before switching on the power. Once the power is switched on, the power LED should illuminate.

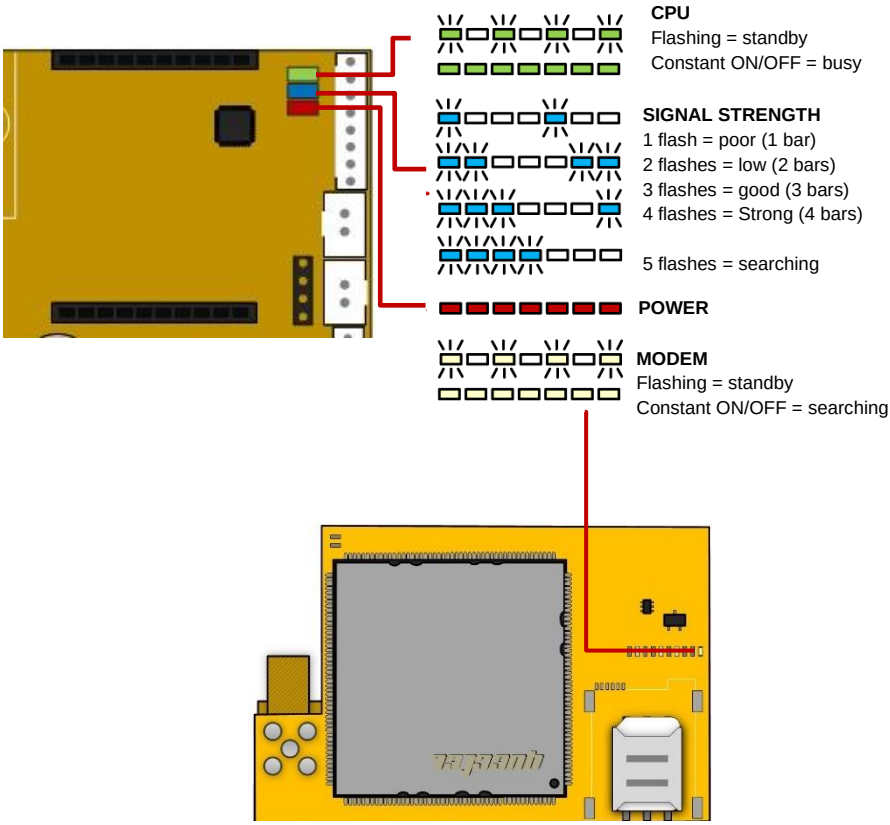


Exit Button (PTE)

When the exit button is pressed it will trigger relay 1 for the pre-programmed time in the app. (Default is 1 second)

Status LEDs

The CPU, signal strength and power status LEDs are underneath the modem and so the diagram below shows the board without the modem for convenience.



Do NOT use fine gauge cable such as CAT5, CAT6, Alarm Cable etc to power this device as damage will occur.

0-2 metres (6 feet) – min 0.50mm^2 (18 gauge)

2-4 metres (12 feet) – min 0.75mm^2 (16 gauge)

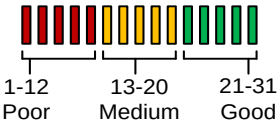
4-8 metres (24 feet) – min 1.0mm^2 (14 gauge)

Checking Signal Level and APN

When the green and white status LEDs (shown on previous page) flash to indicate network connection, the SMS string *20# can be sent to the intercom to check the signal level and APN.

Check Signal Level:

The intercom should then reply with a signal level between 1 and 31.



For optimal performance, the minimum signal level required is 13 on 4G systems.

Check APN Setting (required for VOLTE / 4G services):

The intercom is designed to obtain the APN dynamically i.e. automatically apply it. (If you do not get a GREEN LED on the PCB after a maximum 180 seconds then you may need to apply the APN manually).

Ensure the correct APN is being used for long term connection:

(a) Ensure the APN* information is correct for the SIM card in use.
(If the SIM is provided by AES the APN should be '**30304.mcs**'.)
*You can obtain the correct APN to be used by contacting the SIM card supplier.

(b) If the APN is incorrect, you can reset this by sending the below SMS string.
9999#97X#
(replace X with the APN provided by the SIM supplier. E.g. 9999#9730304.mcs#)

(c) If there is no 2G/3G signal in your area the system will not be able to connect to the network at all without applying the APN.

If you purchased a unit with keypad you can view the pre-loaded APN list on our resources page (see QR code on next page) and locate the correct serial code. Then follow the process below.
Please note: this is not an exhaustive list- you may need to contact your provider for the correct APN.

1. Press and hold the push button before turning unit on. (short across 'PB' terminals on Multibutton units).
2. Upon power up, a long tone will be emitted from the speaker and the blue LED will remain solid - it is now in the APN setting mode.
3. After this, enter the APN serial number through the keypad then press #. (e.g. if you want to set APN No. 18, press 1 - 8, then #. A long beep will again be heard)
4. Reboot unit.

Reboot the Intercom:

The intercom will need to be rebooted after either one of the above processes is completed, to log on to the network with the new APN which you have stored.

If you send another signal level check, *20#, you may find that if the network mode was on 3G before, that it is now on 4G mode.

Using the AES PRO App

Due to the extensive number of features included in the app we would recommend watching the selection of YouTube videos detailing the features of the app pertaining to your intercom.

YouTube

SCAN ME

(Hold phone camera over the QR code)

or search

“AES Global”

This QR code will take you directly to the Prime playlist on our YouTube channel which will take you through the setup and use of our new AES PRO app for a Prime system.

EXTRA RESOURCES

This QR code will take you to our resources page where you can find datasheets and parameters of your intercom.

PHASE 4

Using the Intercom

(Only to be done after the unit is successfully programmed)

Calling a Resident

Single Button

1: Press the Call Button

Multi-Button

1: Press the Call Button

Tip: Press the call button again to cancel a call

Using Keypad Codes & Prox IDs

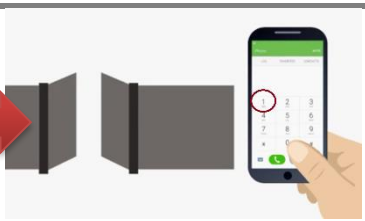
(Keypad / Prox Units)

Receiving A Call and Opening Gates / Door

Visitors can press the call button, which will initiate a call from your intercom to the designated phone numbers which will have been programmed by your installer.

1. Visitor presses the call button or waves in front of sensor.

2. Intercom calls up to 4 phones in sequence



3. Answer the call, speak to the visitor, and grant access by telephone.

Tip: Press/Wave again to cancel the call

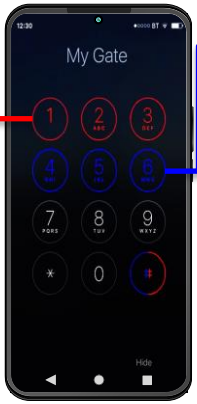
Output 1

This is usually main gate/door.

Press 1# to open

Press 2# to hold open

Press 3# to un-hold



Output 2

This can be pedestrian gate, driveway lights or other.

Press 4# to open/activate

Press 5# to hold open/turn on

Press 6# to un-hold/turn off

DISABLE DTMF Confirmation
Remove the '#' confirmation. Press 1, 2, 3 to trigger, latch & unlatch.
(False triggering may occur when disabled)

9999#52X#
(X=1 enable; X=0 disable)

ENABLE Latching feature via DTMF.
If latching is required.

9999#95X#
(X=1 enable; X=0 disable)

Access Control by Calling the intercom (CallerID)

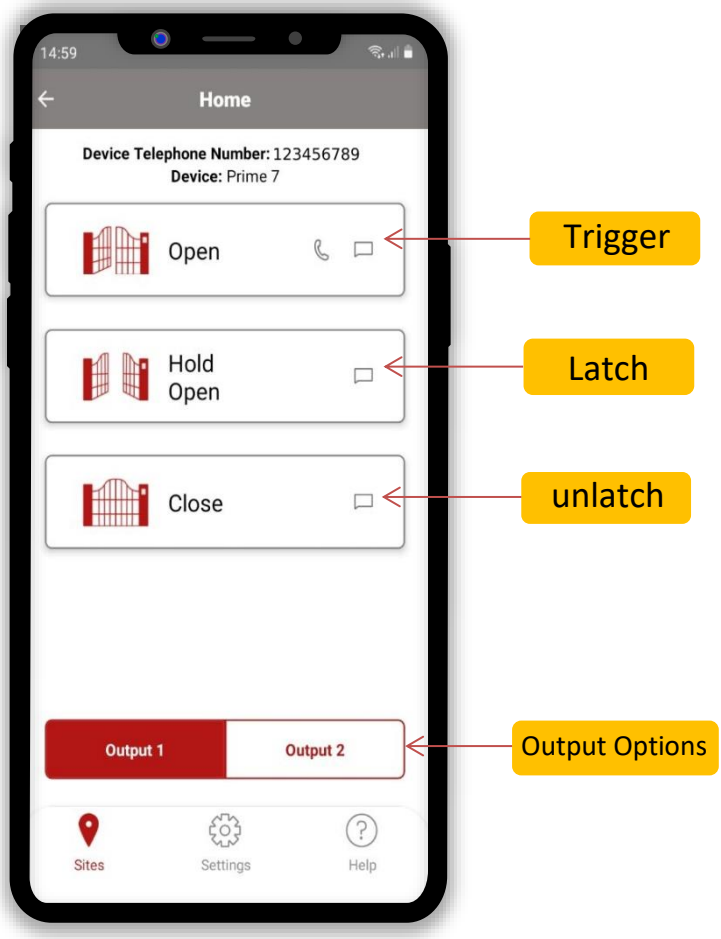
All residents can call the intercom to gain access at no call charge using CallerID.

To open, simply ensure you have the phone number programmed for CallerID and then call the intercom phone number from the stored number and the relay will trigger as per programmed.

Tip: We recommend naming your intercom in your phonebook so you can call it by voice command.

Manager Controls of Gate / Door

This screen allows the installer or manager to manually trigger the gate.



PHASE 5

Installation

ATTENTION IMPORTANT INFORMATION

Recommendation!

Most technical calls received are due to installers using CAT5 or alarm cable to power the unit. Neither are rated to carry enough power (2 amp peak). Please use following cables:

0-2 (0-6 ft) use min 0.5mm² (18 gauge).
2-4 (6-12 ft) use min 0.75mm² (16 gauge).
4-8m (12-24 ft) use min 1mm² (14/16 gauge).

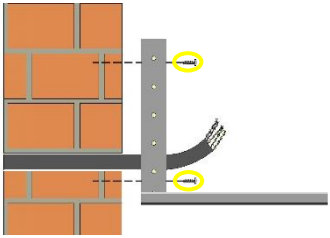
INSECT INGRESS WILL INVALIDATE WARRANTY

We recommend sealing all entry holes for prevention of insects that can cause issues with a risk of shorting out components.

How to Achieve & Maintain IP55 Rating

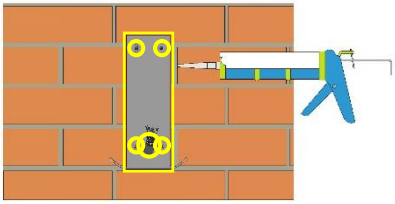
The IP55 rating attached to this unit is only achieved if the below steps have been followed. This is to prevent any unwanted water and/or bug ingress that can cause various issues with functionality and will void the warranty if not followed.

Step 1 – Mount to location



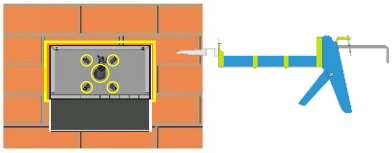
Use the pre-drilled mounting holes and cable cut outs to connect the intercom to the mounting option chosen.

Step 2 – Seal unit



Seal all mounting or cable cut outs by using sealant such as silicone.

Ensure that any products being used are safe to use as some products can cause damage to the unit and/or the mounting location.



If surface mounting seal around the back box especially when used on an uneven surface.

Step 3 – Close unit

Pedestal Design

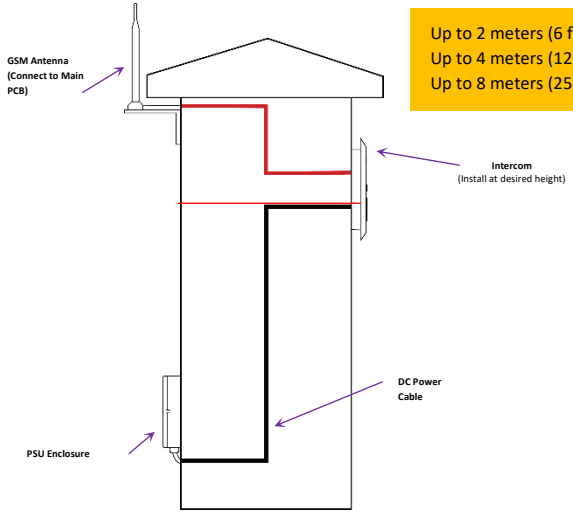
Architectural, Imperial & Modular Design

Flush Design

Ensure the security screws or cam lock is adequately closed to ensure a correct seal.

Power

This intercom comes with a 24V dc power supply. The intercom requires up to 2 amps peak demand at times, therefore power cable is of extreme importance. Using insufficient power cable thickness will cause excessive stress on electronic components and can therefore void the manufacturer's warranty. To avoid such problems, it is recommended (and is good practice) to locate the power supply as close to the intercom as possible. This avoids power cable noise and interference and enhances the lifetime of the product.

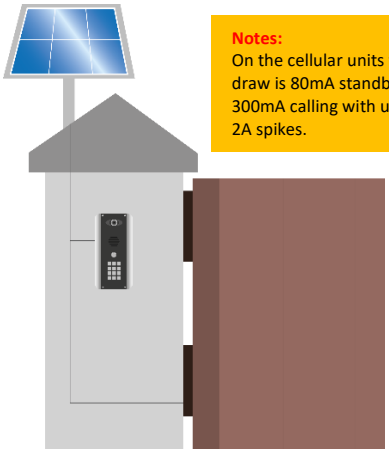


Up to 2 meters (6 feet) use minimum 0.5mm^2 / 18 gauge cable.
Up to 4 meters (12 feet) use minimum 0.75mm^2 / 16 gauge cable.
Up to 8 meters (25 feet) use minimum 1.0mm^2 / 14 gauge cable

Solar Power

You can use solar power if required. You will require a DC voltage regulator applied at the gate board end as the voltage output can vary and cause too high a voltage, which will damage the intercom if over 26v DC.

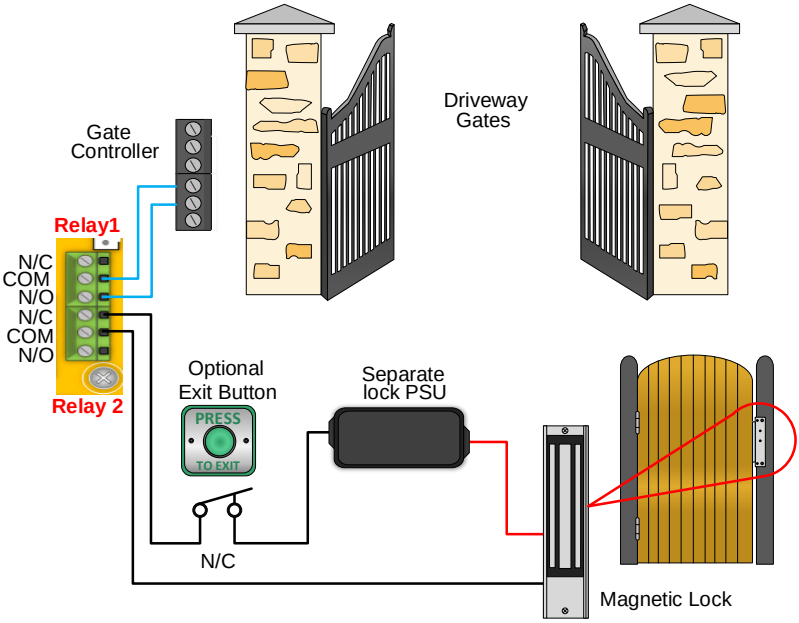
Our systems would require as a minimum a 30W of solar panel capacity and 10Ah battery capacity for our intercoms.



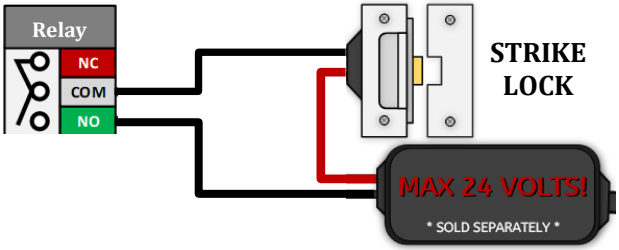
Notes:
On the cellular units the draw is 80mA standby, 300mA calling with up to 2A spikes.

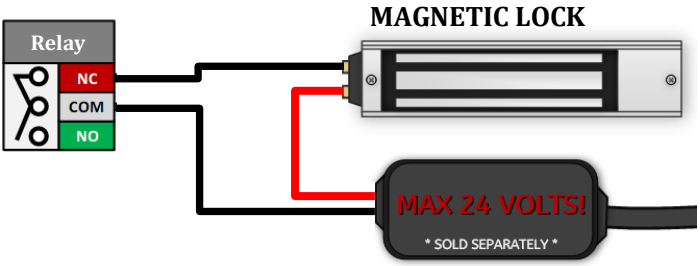
Relay Wiring Examples

Note: The manufacturer is not responsible for wiring to third party devices. Please consult the device instructions if having issues.



Additional Wiring Tips

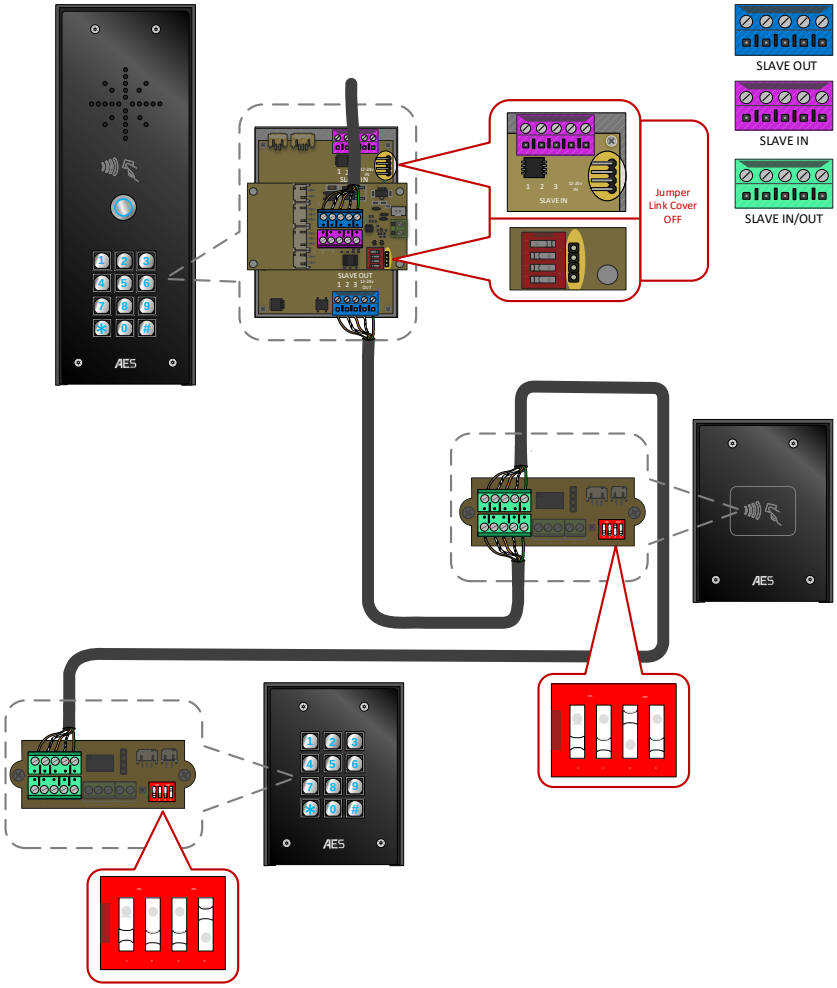




DISCLAIMER**:** These diagrams are for demonstrational use only. Please use the manufacturer's instructions provided with the lock.

Connecting Auxiliary Devices

*Keypad module required



Colour code is for illustration purpose only. Terminals are black

This method of connecting devices requires the jumper links to be off (on all keypads and prox units) and the auxiliary function to be enabled via SMS.

SMS to enable Auxiliaries:

9999#001#

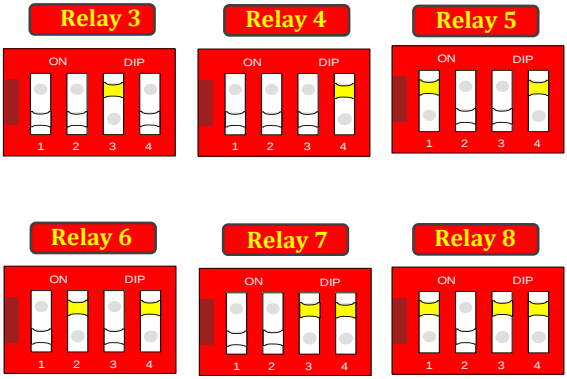
Maximum Devices

Up to a total of 6 devices can be connected to the one SIM module.
Keypads can now be programmed per auxiliary device.
Prox cards can now be programmed per auxiliary device.

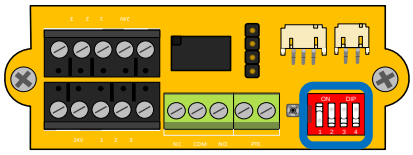
Maximum Distance

Cat5 cable – 50m per power supply with a maximum of 2 units.

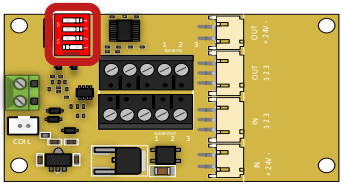
Auxiliary Device Relay Setup



Dip switch configuration for relays 3 to 8 on auxiliary devices.



The sounder boards dip switches set the relay number for the auxiliary unit it is in.



The dip switch of the prox must match the dip switch configuration of the auxiliary it wants to trigger

A keypad does not have dip switches. To assign the relay number use the keypad keys as follows.

*#91#RelayNumber#

(Relay Number = 3-8)

PHASE 6

Aftercare

Complete List of Parameters

For a complete list of programming, SMS parameters check out our downloadable resources on our website.

Troubleshooting

Q. The unit will not power up. No LEDs on.
A. Check power supply voltage at intercom is 23.4v DC or more. Cable length from PSU to intercom should be less than 25 feet and in 14 gauge for longer distances. See guide. Check the fuse.

Q. The unit powers up but is not showing network reception or will not respond to SMS. (No green CPU light).
A. This means the unit is not able to detect the network for some reason.
-Power off the unit, remove the SIM and check it in a mobile phone to verify it can make a call and has calling credit if it is a Pay As You Go SIM.
-Disable any PIN code request if active on the SIM card.
-Check the SIM is a standard voice capable SIM. If you are unsure, contact your SIM card provider to verify.
-Check the reception is medium or good. Poor reception is not sufficient.
-Power off, remove the SIM, use fine sandpaper to lightly sand the SIM pads and try again.
-Check antenna is connected and does not have too many sharp bends on the antenna cable.
-Check the height of the antenna and make sure it is not inside a metal enclosure.
- Check correct power cable size for cable length from PSU. Refer to manual for guidelines

Q. The unit calls the first number, but there is not enough time to answer before it diverts to the next number.
A. Increase the no answer time as per programming instructions.

Q. The unit calls the first number, but voicemail comes on before it can ring the second number.
A. Decrease the no answer time as per programming instructions.

Q. The caller ID function does not work.
A. If your number is private or number withheld, then it will not work.
-Ensure the number is entered as you would normally dial it from another phone.
-For International customers, ensure the numbers have been entered with their international dialling code. If this does not work, try again without.

Q. There is no audio from the gate, but the person at the gate can hear ok.
A. This can be due to low reception or excessively long power cables.
-Check reception level by *20#.
-Change SIM card if necessary, to another network that may have better coverage.
-Purchase a high gain antenna.
This may also be caused by a defective microphone, water on a microphone from a sprinkler for example, or dirt/insects blocking the microphone hole. If reception is optimum and the problem persists, contact your supplier or installer.

Q. The audio quality that can be heard on the remote telephone is poor or humming (buzzing).

A. A small amount of cellular buzz can be considered normal on cellular intercoms, but not so much that causes an inability to hear the person speaking. This is a symptom of poor reception. Try the above steps on checking and improving reception. Consider fitting an external high gain antenna. Move the antenna further away. Remove any short bends in the antenna. Ensure the spare antenna cable is not rolled up inside the call station.

Q. The trigger keys do not work when the intercom calls a phone.

A. Check if you can hear the relay clicking at the gate when the keys are pressed during a call. If it can be heard, then the system is working, check to wire between the relay and the lock or gate panel. If the relays do not make a clicking sound, then check this feature on a different mobile cell phone or landline. If it works on a different phone, check the settings on the phone in question under DTMF tones.

Failure of DTMF tones to operate correctly is also a symptom of low reception or insufficient power cabling. Check the steps above on improving reception or addressing the power problem.

-Also check that the relays are not already latched with the *22# command. If they are latched, they need to be unlatched before the trigger keys will work.

-Sometimes excessively long power cables or thin power cables can cause this problem. Prove it by connecting a temporary extension lead and the power supply directly to the unit.

- Check relay 1 & 2 with multi-meter. If relay 2 works but relay 1 does not, then relay 1 may be defective.

-Check if it works by SMS. Try latching a relay then use the status button to check if the relay is latched. If that works, the problem could be the phone being used, or low signal strength at the intercom.

Q. The system was operating the gates fine, but now it will not trigger the gates.

99% of the time, this is caused by the user accidentally latching the relay. This latches the output relay permanently on. Send the intercom the following SMS *22#. The intercom should reply with a message detailing the relay status. If it has been latched, then the message will state “the relay is ON”. In this case, refer to the user guide to read how to unlatch it again.

Q. The unit no longer calls out to phones, but I can make a call to it from my phone.

A. Check there is a balance on the SIM card.

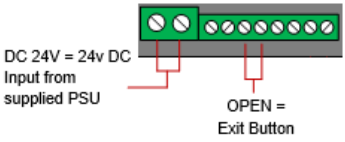
A. Switch off the power, remove the SIM, put it into a phone, and check that a call can be made from a phone. This will verify if the SIM is still working and in service.

Q. Forgot Engineers code for SMS programming

A. You will need to complete a hard reset by following the steps below.

Note this will erase all data stored on the PCB.

1) Power off the unit. (approx 60 secs)
2) Link the terminals marked OPEN.
3) Switch on the power.
4) After several seconds the relay will click.
5) The unit will then clear memory and be defaulted.
6) Remove the link and wait around 20 seconds.
7) Reboot the unit for good measure.



Firmware Updates

FOTA (Firmware Over The Air)

FOTA allows you to update your intercom wirelessly without a PC.

9999#70X#

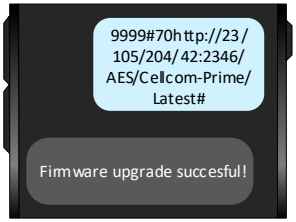
- 9999 — Passcode
- 70 — Command (Firmware Update)
- X — Bin File Link

Tip:
Set APN before sending FOTA SMS!

Text string to use to get our latest firmware:
9999#70http://23.105.204.41:2346/AES/Cellcom-Prime/latest#

****DO NOT TURN OFF YOUR INTERCOM DURING THE UPGRADE PROCESS****

****ADDITIONAL DATA CHARGES MAY APPLY****
Although unlikely due to the small update file size.



App Updates

We will continually monitor the app's performance and will release updates to enhance the user's experience and/or fix any issues that arise over time. These updates will be available via the iOS app store or the Android Play store. Enabling auto updates is recommended for the most up to date experience.

Extra Resources

Find all our support resources on our website or scan the QR code below.

www.aesglobalonline.com

Intercom Maintenance

Bug ingress is a common issue in unit failures. Ensure that all components are sealed accordingly and check occasionally. (Do not open the panel in the rain/snow unless correctly equipped to keep the internals dry. Ensure the unit is securely closed after maintenance)

We recommend sealing all entry holes for prevention of insects that can cause issues with a risk of shorting out components.

To maintain the IP55 rating please follow the sealing instructions included. (also available online)

If you have an AB, AS, ABK, ASK call point it will have silver edges which are marine grade stainless steel so in normal weather conditions should not rust however it can dull or discolour over time. This can be polished with a suitable stainless-steel cleaner and cloth.

Environmental Information

The equipment that you bought has required the extraction and use of natural resources for its production. It may contain hazardous substances for the environment. To avoid the dissemination of those substances in our environment and to diminish the pressure on natural resources, we encourage you to use the appropriate take-back systems. Those systems will reuse or recycle most of the materials of your end-of-life equipment.

The crossed-bin symbol marked in your device invites you to use those systems.

If you need more information on the collection, reuse and recycling systems, please contact your local or regional waste administration. You can also contact AES Global Ltd for more information on the environmental performances of our products.

Documentation Feedback

We are constantly working to produce the highest quality documentation for our products. We welcome your feedback. Send us your comments or suggestions about our online Help, printed, or PDF manuals.

Please include the following information with your feedback:
• Product name and version number
• Type of document: printed manual, PDF, or online Help
• Topic title (for online Help) or page number (for printed or PDF manuals)
• Brief description of content (for example, step-by-step instructions that are inaccurate, information that requires clarification, areas where more detail is needed, and so on)
• Suggestions for how to correct or improve the documentation
We also welcome your suggestions for additional topics you would like to see covered in the documentation.
Send email feedback to: docfeedback@aesglobalonline.com

Please keep in mind that this email address is only for documentation feedback and will not be responded to unless we require more details. If you have a technical question, please contact the technical department.

Warranty

Please note, by installing this product, you are accepting the following warranty terms:

1. The manufacturer's warranty is a "return to base" 2-year warranty from the date of manufacture. This means that any suspected defective components or items are returned to the manufacturer's agent for investigation and diagnosis and returned at the cost of the customer.

2. The warranty does not cover, nor is the manufacturer or agent responsible for any of the following whatsoever: Storm damage, lightning or surge damage, flooding, accidental damage, vandalism or deliberate damage, un-explained corrosion or unusually harsh environments, failure of telephone networks, future un-interoperability between the product and network providers which cause malfunction due to changes implemented by the phone providers after manufacturing of the product, or that which is outside of the control of the manufacturer (e.g. 2G, 3G switch off, removal or inability to obtain VOLTE service), and damage due to not proper installation.

3. The manufacturer in no way accepts liability for any of the following incurred due to a product defect: Cost of attending site, inconveniences, labour rates, time lost, loss to or damage to property, security breaches, late payment clauses or breaches of any contracts between the installer and the client.

4. This is a professional install product only. The product is a component of an overall system. Therefore, it is the responsibility of the installer to certify the safety and compliance of the overall finished system. As soon as this product is fixed to another item, or connected to another third-party device, then the product has been modified, and compliance with local regulations in the country of install is strictly the responsibility of the installer.

5. Re-stocking fees may apply to items returned that are found to be non-defective. Complete units will also attract a re-stocking fee if returned for credit, regardless if a defect is discovered or not. Re-stocking fees may vary depending on the condition of the item being returned, and whether it can be determined as in brand new condition. The warranty terms do not entitle customers to an automatic full refund. For more details on returns procedures and re-stocking fees, contact the agent.

6. Items with physical signs of surge damage are not covered by warranty. Items with visible signs of surge damage will only be covered by warranty if photographic evidence is provided from the site, showing surge protection has been installed.

Full warranty terms and conditions are available upon request to AES Technical Department.

Free Extra 1 Year Warranty

If you register with us within 90 days of purchase and provide proof of purchase, you will be eligible for an extra year of warranty.

SCAN ME

This QR code will take you to the warranty section of our website. You can access the form for the warranty by scrolling to the bottom of the section and pressing the “Extra year warranty” button.

****Only available in selected countries****

Regulatory Compliance

FCC ID : 2ALPX-PRIME7-4GQA

Grantee: Advanced Electronic Solutions Global LLC

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Output power listed is ERP below 1GHz for Part 22 and EIRP above 1GHz for Part 24. RF
exposure compliance is addressed for 1.1310 and 2.1091 MPE limits. The antenna(s) used
for this transmitter must be installed to provide a separation distance of at least 20 cm from
all persons.

End Users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

This product is not complete until fully installed. It is therefore considered a part of an overall system. The installer is responsible to check that the end installation complies with local regulatory requirements. This equipment forms part of a "fixed installation"

NEED MORE ASSISTANCE?

+1 (321) 900 4599

The manufacturer cannot legally offer technical support to non-qualified gate or door installers. End users should employ the services of a professional installation company to commission or support this product!