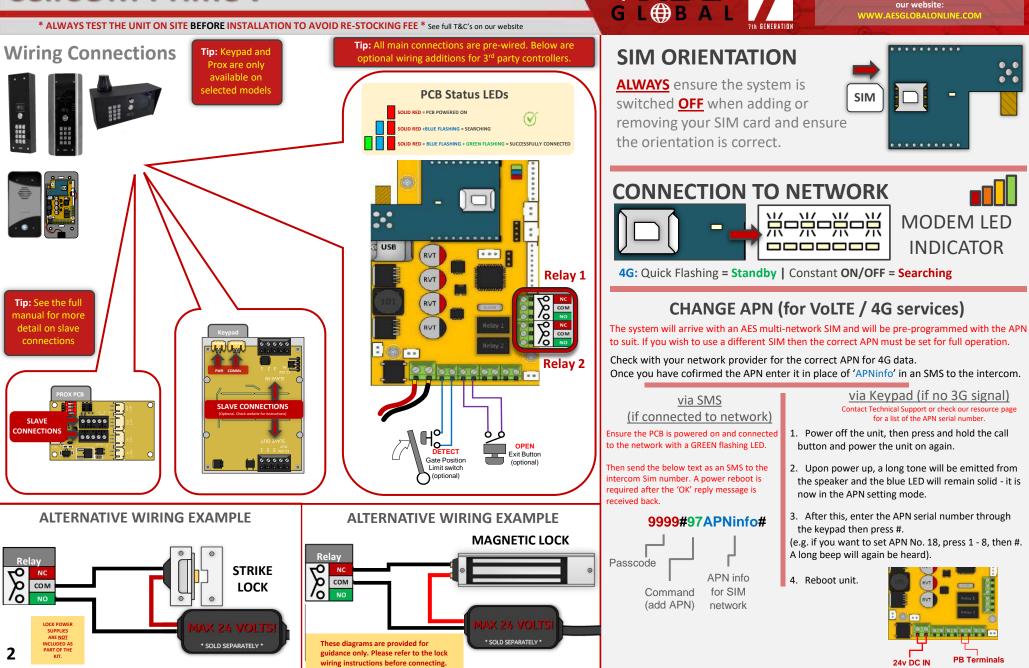


**STILL HAVING TROUBLE?** 

Find all of our support options such as Web Chat,

Power

Standby = 80mA



**FAES** 

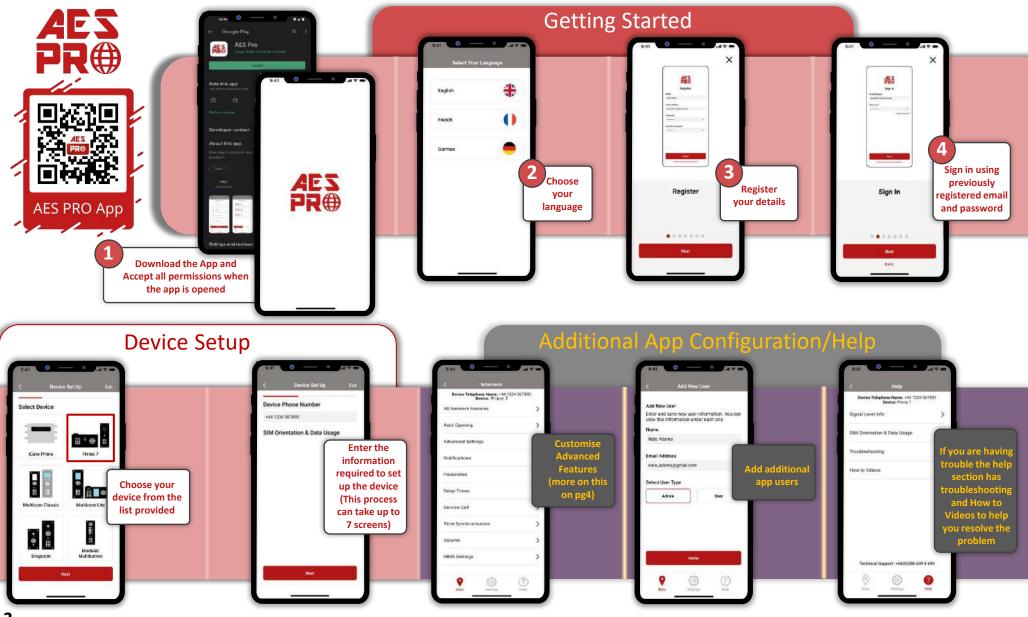
STILL HAVING TROUBLE?

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\* ALWAYS TEST THE UNIT ON SITE BEFORE INSTALLATION TO AVOID RE-STOCKING FEE \* See full T&C's on our website



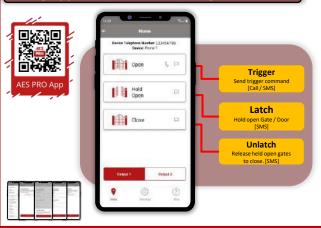
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#### Using App for End User to Manage Gates



#### **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.



2. Intercom calls up to 4 phones in sequence 3. Answer the call, speak to visitor, and grant access with phone keypad.

Output 2

 This is usually main gate/door.
 Th

 Press 1# to open
 P

 Press 2# to hold open
 Pr

 Press 3# to un-hold
 Pr

1. Press call

button

Output 1

This can be pedestrian gate, lights or other. **Press 4# to open** Press 5# to hold open Press 6# to un-hold

Function	CMD String (SMS)
Manually trigger, latch or unlatch relay by SMS. X = Relay Function. (1 = Trigger relay 1, 2 = Latch relay 1, 3 = Unlatch relay 1) (4 = Trigger relay 2, 5 = Latch relay 2, 6 = Unlatch relay 2)	1234#X#
Check Intercom Status (min signal level required for full operation is 10)	*20#
Check Stored Numbers O = Dial out number. I = Dial in number. N = Another message. E = End of messages.	*21#
Check Relay Status	*22#
Events Log (check last 20 events, most recent first) USER = dial out call made; CID = caller ID used; CODE = keypad code used; CARD = prox card/ tag used. (UK date format).	*23#
Check Stored Keypad Codes Norm = permanent keypad codes; Plan = time restricted keypad codes; Temp = tempor. keypad codes.	ary 1234#25#
Check Stored Prox Cards/Tag IDs Norm = permanent prox card/tags; Plan = time restricted prox card/tags; Temp = temporary prox card/tags;	1234#26#
Store Dialling Out Numbers (max 4) X = 1-4 (sequence number dialled) Number = Phone number (max 14 characters)	9999#11Xnumber#
Add Caller ID Number (max 250) (14 digits maximum)	9999#72number#
Add Keypad Code (max 250) X = 1 or 2 (relay 1 or 2) Code = 4 digit passcode. Time = 1-9999 seconds, 0 for latching code.	9999#81Xcode#time#
Add Prox Cards/Tag IDs (max 250) X=1 or 2 for relay 1 or 2. Card ID = Prox ID number (fixed 10 digits) Time = 1-9999 seconds, or 0 for latching code. Name = Name of cardholder (max 6 characters)	9999#61XcardID#time#name#
Change Relay Time Time = 1-99 secondes	9999#50time#
Enable Latching via DTMF (Disabled by Default) X = 0 or 1 (0 = Disable, 1 = Enable)	9999#95X#
Factory Reset (Default Everything)	9999#999#



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### 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)

### SIM MAINTENANCE

If using a pre-pay casual SIM card it will need topped up occasionally. It is recommended to advise the home owner / end user to register the SIM card on the provider's web site if available. Most major networks allow registration of card payment details for an auto top up feature, which means they will automatically top up your intercom when the balance runs low or in some cases, they offer a low balance reminder to be sent if they do not wish the auto top up feature.

#### **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. In order to avoid the dissemination of those substances in our environment and to diminish the pressure on the 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.

#### 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 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 manufacture of the product, or that which is outside of control of the manufacturer (e.g. 2G, 3G switch off, removal or inability to obtain VOLTE service), and damage due to inaccurate 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, labor 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 site, showing surge protection has been installed.

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

**Basic SMS** 

Strings to

**Manage Gates** 



Reset / Default Unit

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1) Power off the unit. (approx 60 secs)

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### TROUBLESHOOTING

Symptoms caused	Problem/error	Solution	
No LEDs on.	The unit will not power up.	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.	2) Make a link across the terminals marked OPEN.
No green CPU light	The unit powers up but is not	A. This means the unit is not able to detect the network for some reason.	
No green Cro light	showing network reception or will not respond to SMS.	<ul> <li>-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.</li> <li>-Disable any PIN code request if active on the SIM card.</li> </ul>	4) After several seconds the relay will click.
		-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.	24v DC IN Terminals 5) The unit will then clear memory and be defaulted
		-Power off, remove the SIM, use fine sand paper to lightly sand the SIM pads and contacts on the	Note: Performing this process will
		GSM unit, lightly bend the contacts upwards so that they make better contact with the SIM and	remove all current programming (1) 6) Remove the link and wait around 20
I		try again. Check antenna is connected and does not have too many sharp bends on the antenna cable	including saved users & access codes. seconds.
I		-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.	
ı		- Check correct power cable size for cable length from PSU. Refer to manual for guidelines	Manufacturer: Advanced Electronic Solutions Global Ltd
Call is going to	The unit calls the first	Decrease the calling time as per programming instructions.	Address: Unit 4C, Kilcronagh Business Park, Cookstown, Co Tyrone, BT809HJ, UK
voicemail if not	number, but voicemail comes	/	Complies with the following essential requirements for 2014/53/EU: ETSI draft EN 301 489-1 V2.1.1 (2017-02) (Electromagnetic compatibility)
answered.	on before it can ring the second number.	/	ETSI draft EN 301 489-52 (2016-11) (Electromagnetic compatibility, specific to cellular)
The caller ID function	Incorrect programming or	If your number is a private or number withheld, then it will not work.	(2G bands 900/1800, 3G band 1,8 LTE bands 1, 3, 7, 8, 20). Test report number LCS181101028AEA 2280
does not work.	poor signal	-Ensure the number is programmed as you would normally dial it from another phone.	ETSI EN 301 511 V12.5.1 (2017-03) (3.2 of directive 2014/53/EU) ETSI TS 151 010-1 V12.8.0 (2016-05) (Digital cellular telecoms compliance)
l i i i i i i i i i i i i i i i i i i i	, -	- Ensure you have adequate GSM signal at the intercom by sending *20# as a text.	Test report number LCS181101028AEB
1		/'	ETSI EN 301 908-1 V11.1.1 (2016-07) (IMT Cellular networks, 3.2 of directive 2014/53/EU) ETSI EN 301 908-2 V11.1.2 (2016-07) (CDMA spread / UTRA FDD)
L			Test report number LCS181101028AEC ETSI EN 301 908-13 V11.1.2 (2017-07) (E-UTRA and UE standards)
There is no audio from	This can be due to low	-Check reception level by *20#.	Test report number LCS181101028AED
the gate, but the person at the gate can	reception or excessively long power cables or underspec	-Change SIM card if necessary, to another network which may have better coverage. -Purchase a high gain antenna.	EN 62311 :2008 (Electromagnetic safety and human exposure) Test report number: LCS181101028AEE
hear ok.	power cables or underspec	-Purchase a high gain antenna. This may also be caused by a defective microphone, water on a microphone from a sprinkler for	EN 60950-1, (A1, A11, A12, A2) EN 62311
1	po	example, or dirt/insects blocking the microphone hole. If reception is optimum and the problem	IEC 60950 (IT equipment safety) Test report number: LCS181101029AS
L		persists, contact your supplier or installer.	
The audio quality that	Poor reception or underspec	A small amount of GSM buzz can be considered normal on GSM intercoms, but not so much that	The notified body is: Micom Labs (CAB number 2280). This declaration is issued under the sole responsibility of the manufacturer.
can be heard on the remote telephone is	power cables.	causes inability to hear the person speaking. This is a symptom of poor reception. Try above steps on checking and improving reception. Consider fitting an external high gain antenna. Move the	Signed by:
poor or humming		antenna further away. Remove any short bends in the antenna. Ensure the spare antenna cable is	
(buzzing).		not rolled up inside the call station.	Paul Creighton, Managing Director. Date: 4th Dec 2018
The trigger keys do not	Poor GSM signal at the gate	A. Check if you can hear the relay clicking at the gate when the keys are pressed during a call. If it	
work when the intercom calls a phone.	or issue with gate control PCB	can be heard, then the system is working, check wiring 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	This product is not a complete product until fully installed. It is therefore
	РСВ	phone or landline. If it works on a different phone, check the settings on the phone in question	considered a component part of an overall system. The installer is responsible to
1		under DTMF tones.	check that the end installation complies with local regulatory requirements. This
1		Failure of DTMF tones to operate correctly is also a symptom of low reception or insufficient	equipment forms part of a "fixed installation".
1		power cabling. Check steps above on improving reception or addressing the power problem.	
1		-Also check that the relays are not already latched with the *22# command. If they are latched, they need unlatched before the trigger keys will work.	STILL HAVING TROUBLE?
1		-Check if it works by SMS. Try latching a relay then use the status button to check if the relay is	Find all of our support options such as Web Chat, Full Manuals, Customer
1		latched. If that works, problem could be the phone being used, or low signal strength at the	Helpline and more on our website:
L		intercom.	
		,	WWW.AESGLOBALONLINE.COM