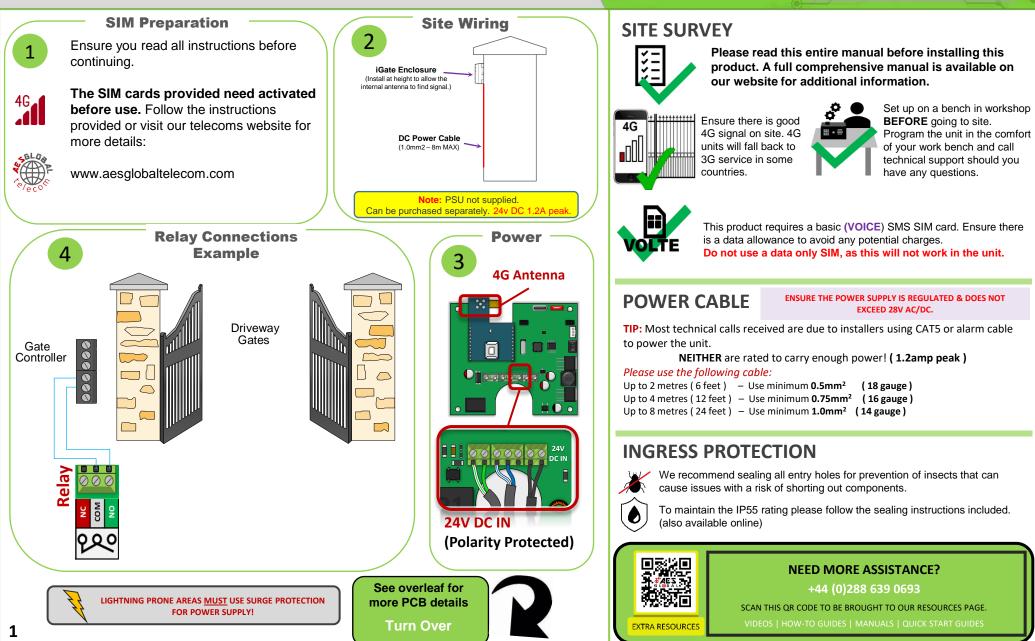
iGate Plus - Advanced GSM switch



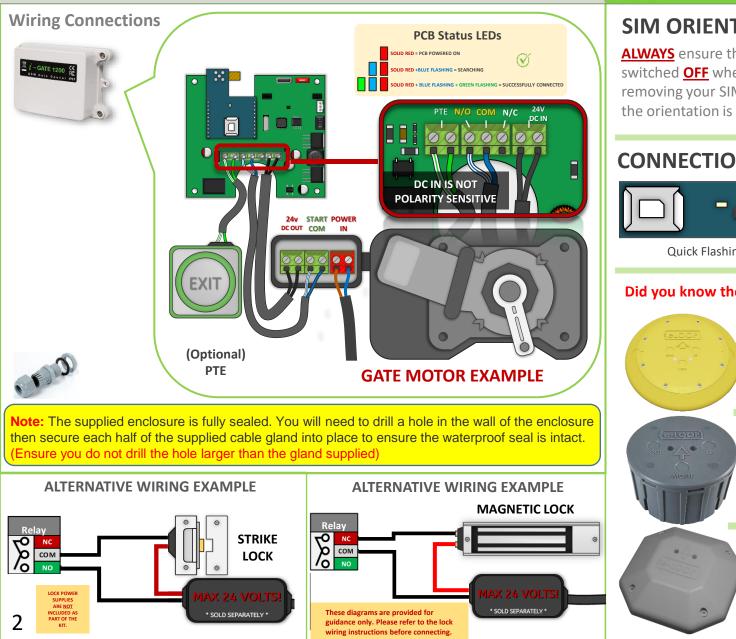
Find all of our support options such as Web Chat, Full Manuals, Customer Helpline and more on our website:



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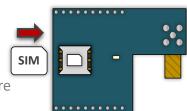


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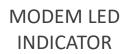
SIM ORIENTATION

ALWAYS ensure the system is switched **OFF** when adding or removing your SIM card and ensure the orientation is correct.



CONNECTION TO NETWORK





Quick Flashing = Standby | Constant ON/OFF = Searching

Did you know the IGATE Plus can support E-Loop integration (OPTIONAL)

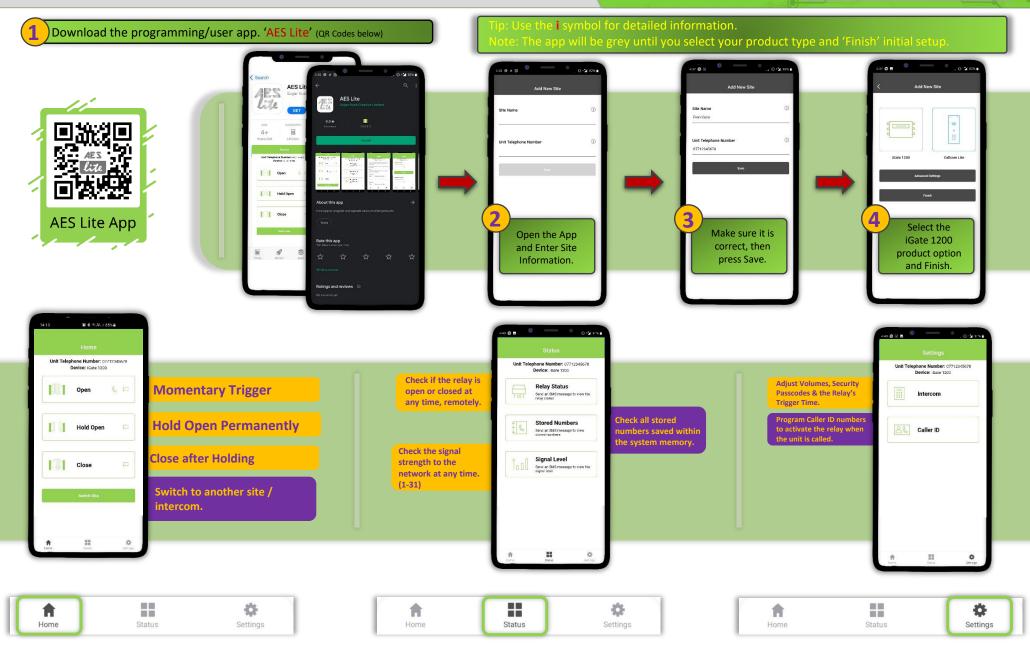
Commercial e-Loop Wireless vehicle detection system uses magnetometer sensors (with optional radar hardware) to detect the presence of oncoming vehicles, these detections are transmitted to a nearby transceiver.

In-ground e-Loop Wireless vehicle detection system uses magnetometer sensors (with optional radar hardware) to detect the presence of oncoming vehicles, these detections are transmitted to a nearby transceiver.

Domestic e-Loop (MINI) Domestic wireless vehicle detection system uses magnetometer sensors to detect the presence of and movement of vehicles, these detections are transmitted to nearby transceivers for gate activation.



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Using App for End User to Manage Gates



i · Heat

Did you know AES Global also has a GSM central heating control unit available the *i-heat*. Control your central heating and hot water with a touch of a button using the our simple to use app!

H

For more information about i-Heat visit www.iheatglobal.com



BASIC SMS Strings to Manage Gates

Commands	SMS Strings (no spaces)
Check Signal Level	*20#
Check Stored Numbers	*21#
Check Relay Status	*22#
Add Caller ID Number	9999#72 <u>TELNUMBER</u> #
Delete Caller ID Number	9999#73 <u>TELNUMBER</u> #
Delete ALL Caller ID Numbers	9999#73*#
Program Open Mode*	9999#75 <u>?</u> # Default : 0 Enable : 1
Program Service Call Number*	9999#77 <u>TELNUMBER</u> #
Trigger Relay	1234#1#
Latch Relay	1234#2#
Unlatch Relay	1234#3#
Change Programming Passcode	9999#01 <u>????</u> # Default : 9999
Change Access Control Passcode	9999#02 <u>????</u> # Default : 1234
Change Relay Time	9999#50 <u>?</u> # ? = Time in seconds
Factory Reset to Default Setup	9999#999#

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 homeowner / 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 manufacture (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.

iGate Plus - Advanced GSM Switch



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	Time Synchronisation		
9999#86SIMphonenumbe r#	Store Intercom OWN phone number for time sync after reboot/power failure.	N/A	Original
9999#86*#	Delete the programmed phone number.	N/A	Original
	Time Restricted Caller ID		•
9999#72#Day,Day,Day#Ti me1,Time2#Phonenumbe #	Store time restricted caller ID number (maximum of 250 time slots). Day = day of the week e.g. mon,tue,wed,thur,fri. Time1 = start time. Time2 = end time (24 hr format, no colon. E.g. 11:30pm = 2330. 8.30am = 0830.	N/A	Original
	Automatic Relay Times		
1234#X#Day,Day,Day#Ti me#	X=1,2,3 (trigger, latch, unlatch relay) Day = days of the week (mon,tue,wed,thu,fri,sat,sun) Time = time of day (24 hr format, no colon. E.g. 8:30am = 0830)	N/A	Origina
1234*#	Delete all automatic relay times.	N/A	Origina
	Notifications	•	_
9999#78phonenumber#	Store up to four phone numbers to receive a notification message when access is granted (includes relays being unlatched). Max 4 per message e.g. 9999#78phonenumber#78phonenumber#78phonenumber#78phonenumber#	N/A	Original
9999#78*#	Delete all notification phone numbers.		Origina
9999#79text#	Program message the notified number will receive. Text = text to send to the receiving phone (e.g. "gate operated")		Original
9999#80X#	X# Enable notification to be sent when gate is triggered. X = 0 or 1 (0 = Disable, 1 = Enable)		Origina
9999#22#Day,Day,Day#Ti ne1,Time2#	Enter all active days during which PTE should operate. Day = mon,tue,wed,thu,fri,sat,sun. Time1 = start time Time2 = end time (24 hr format, no colon. E.G 8:30am = 0830)	N/A	Original
9999#22#*#	Delete all Push To Exit times.	N/A	Original

For more info, please visit our resource page @ www.aesglobalonline.com



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5

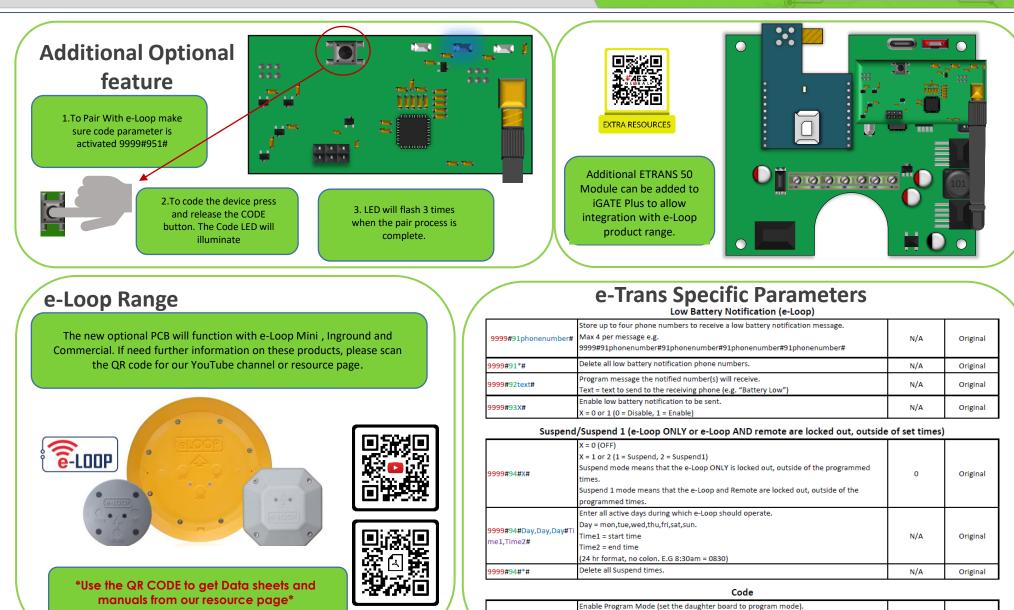
iGate Plus - Optional – e-Trans Receiver



Find all of our support options such as Web Chat, Full Manuals, Customer Helpline and more on our website:

Original

0



9999#<mark>95</mark>X#

X = 0 or 1 (0 = Delete Pair, 1 = Enable)

6

iGate Plus - Advanced GSM switch

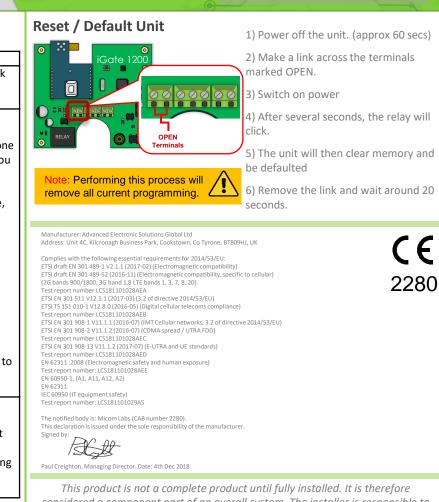


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WWW.AESGLOBALONLINE

TROUBLESHOOTING

Symptoms caused	Problem/error	Solution
No LEDs on.	The unit will not power up.	Check power supply voltage at the PCB intercom is 24V DC. Check the fuse.
The unit powers up but the LED is still flashing rapidly	This means the unit is not able to detect the network for some reason.	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. -Change to an external antenna. External Antenna Details -Ensure the cable does not have too many sharp bends. -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
The caller ID function does not work.	Incorrect programming or poor signal	If your number is a private or number withheld, then it will not work. -Ensure the number is programmed as you would normally dial it from another phone. - Ensure you have adequate GSM signal at the intercom by sending *20# as a text.



This product is not a complete product until fully installed. It is therefore considered a component 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".

STILL HAVING TROUBLE?

Find all of our support options such as Web Chat, Full Manuals, Customer Helpline and more on our website:

WWW.AESGLOBALONLINE.COM +44 (0)288 639 0693