

# CellCOM Prime EDGE *Enhanced GSM Intercom*

\* ALWAYS TEST THE UNIT ON SITE BEFORE INSTALLATION TO AVOID RE-STOCKING FEE \* See full T&Cs on our website

## SIM Preparation

1 Ensure you read all instructions before continuing.

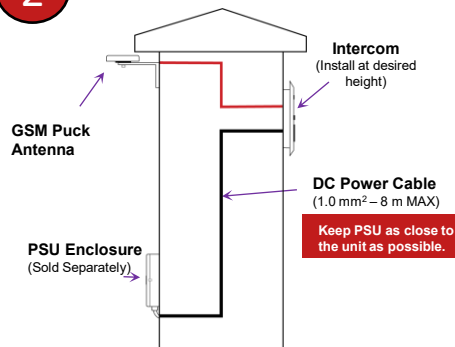
The **Voice and SMS SIM cards** provided need **activated before use**. Follow the instructions provided or visit our telecoms website for more details:

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

Different networks use different APNs, and these must be set correctly for full operation.

## Site Wiring

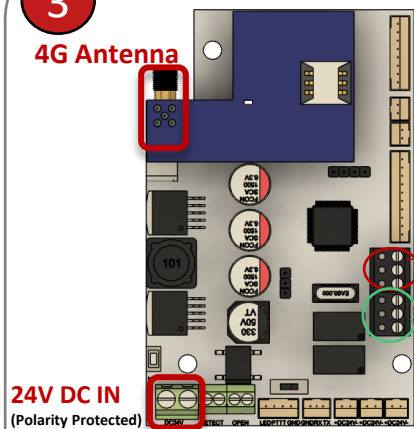
2



## Power & Antenna Connections

3

4G Antenna

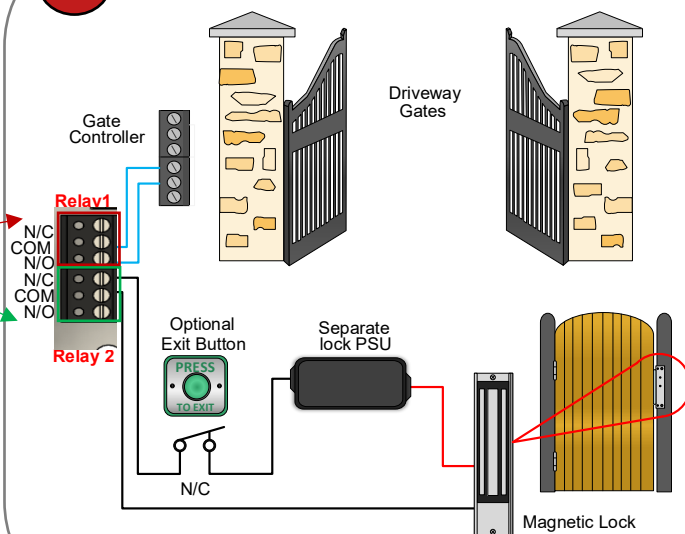


24V DC IN  
(Polarity Protected)

Please use the following cable:  
Up to 2 metres (6 feet) - Use minimum 0.5 mm² (18 gauge)  
Up to 4 metres (12 feet) - Use minimum 0.75 mm² (16 gauge)  
Up to 8 metres (24 feet) - Use minimum 1.0 mm² (14 gauge)

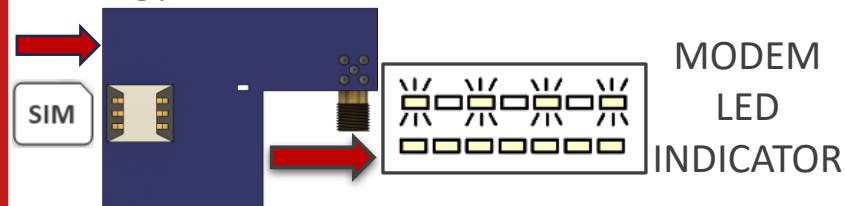
## Relay Connection Examples

4



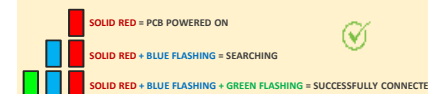
## SIM Orientation/ Network Connection

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



4G: Quick Flashing = Standby | Constant ON/OFF = Searching

### PCB Status LEDs



## CHANGE APN (for VoLTE / 4G services)

The Cellcom Prime Edge supports automatic APN detection on major networks, in over 30 countries worldwide.

The APN (**check using \*20# SMS**) is set by detecting the Mobile Country Code (MCC) and Mobile Network Code (MNC) from the SIM, on power up. The MNC may well be the same on some piggyback SIMs as their network owner e.g. EE UK and 1p Mobile UK. In this case, the initially detected APN can be changed via SMS.

**N.B. The APN is not affected by a power reboot unless it has been deleted from the system (9999#97#) or the SIM has been changed.**

Use the below programming string if you wish to add or change the APN. Once you have confirmed the APN enter it in place of 'APNinfo' in an SMS to the intercom. A power reboot is required after the 'OK' reply message is received back.

**9999#97APNinfo#**

If you wish to use another Voice and SMS SIM then please ensure the correct APN is set for full operation. Check with your network provider for the correct APN for 4G data.

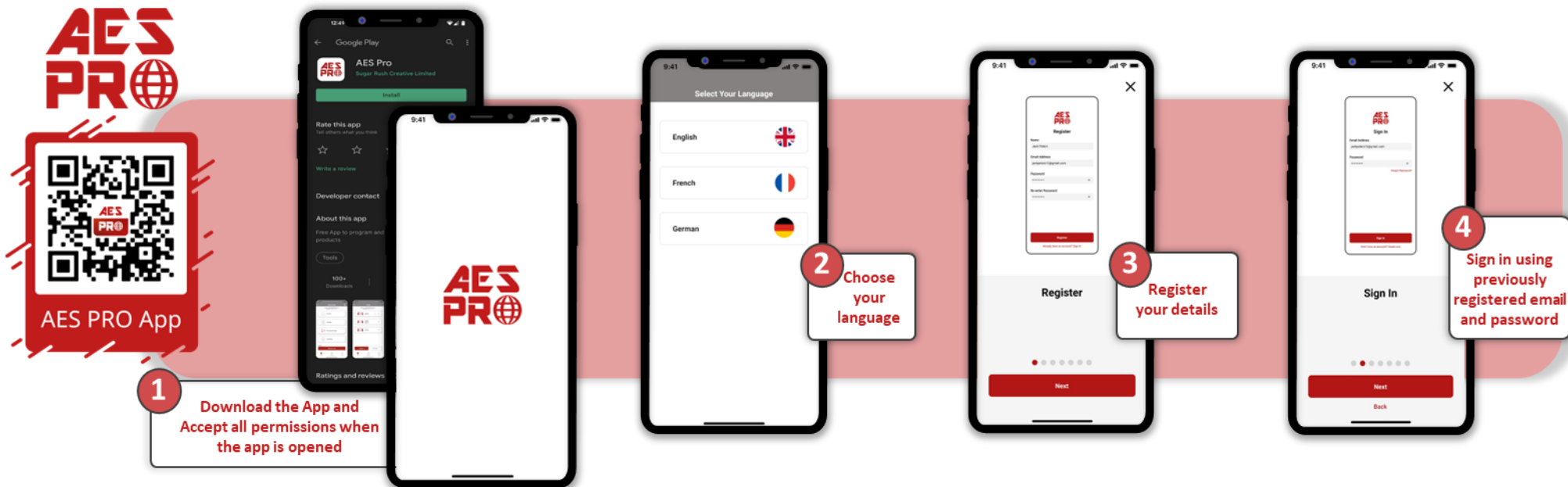
## INGRESS PROTECTION



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 here](#).

**LIGHTNING PRONE AREAS MUST USE SURGE PROTECTION FOR POWER SUPPLY!**

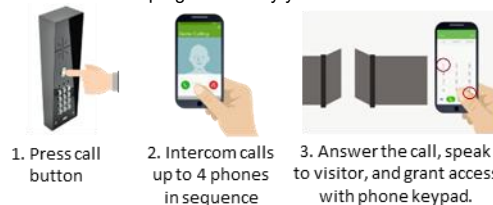


## Using App for End User to Manage Gate/Door



## Receiving A Call and Opening Gate/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.



**Output 1**

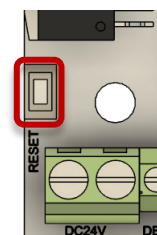
**Output 2**

This is usually the main gate/door. This can be pedestrian gate, lights or other.

**Press 1# to Open (Trigger)** **Press 4# to Open (Trigger)**  
Press 2# to Hold Open (Latch)\* Press 5# to Hold Open (Latch)\*  
Press 3# to Close (Unlatch)\* Press 6# to Close (Unlatch)\*

\*Disabled by default

## Hard Reset/ Default Unit



- 1) Power on unit.
- 2) Press the white microswitch for 7 seconds. (There is a 10 second setting mode for this, beginning with a single beep and ending with a double beep).
- 3) Four beeps will indicate that the hard reset has been successful.

**Note:** Performing this process will remove all current programming including saved user and access codes!