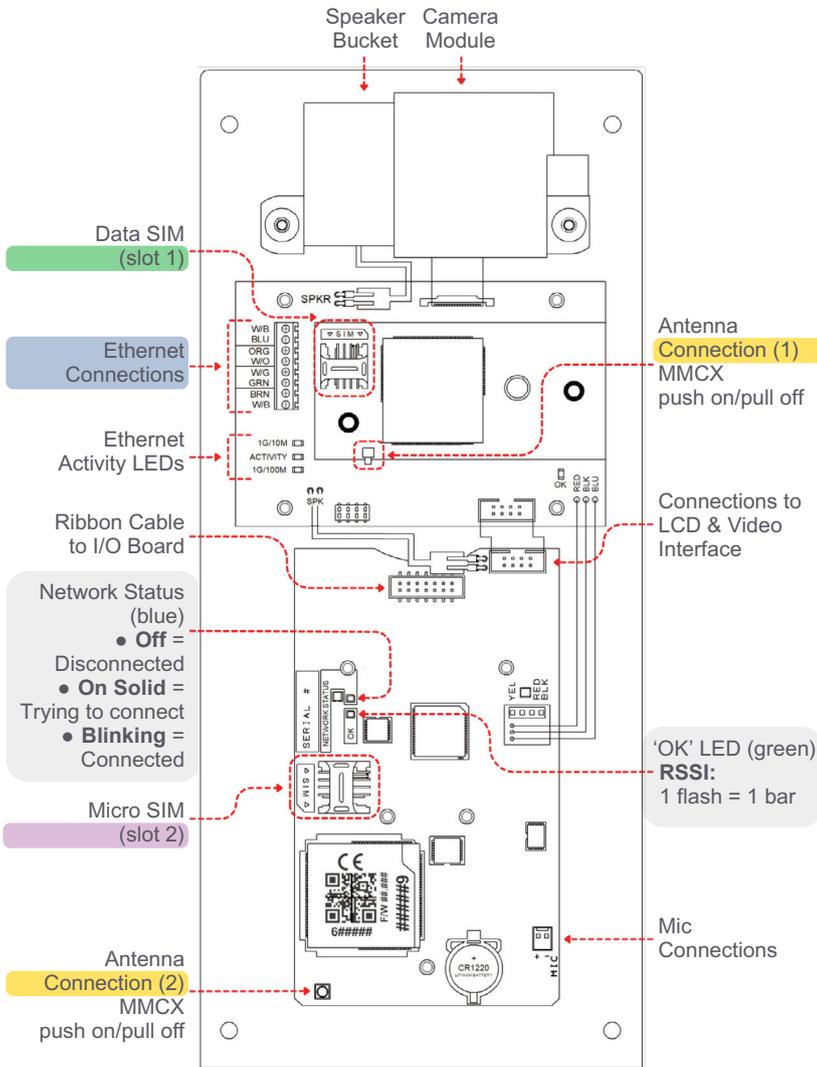


## INSTALLATION GUIDE

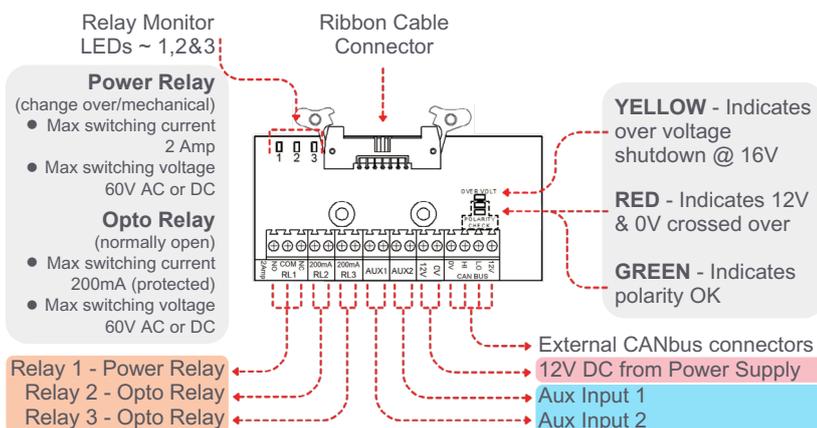


A SITE SIGNAL NETWORK TEST IS TO BE UNDERTAKEN BEFORE INSTALLATION

### MAIN PCB CONNECTIONS



### I/O BOARD CONNECTIONS



### INSTALLATION INSTRUCTIONS

Please read installation tips on p2 before starting your installation.

Once the backbox has been mounted and the power cable pulled through:

1. Insert the SIM Card\* for audio connection into **slot 2** as shown on the diagram.
2. If using video over 4G ~ A Multi-Network Data SIM has been activated and installed in **slot 1** prior to dispatch. **Please note:** Commtel covers the cost of this for the first 2 years. See the information included for further details.
3. If you are using the **ethernet connection** for video, wire in the cores and match colours as shown on the Video Interface Board.
4. Connect the **relays** to the entry equipment.
5. Connect the antenna to both boards. **Connections 1 & 2** are highlighted on the diagram.
6. Wire any accessories into the **aux inputs** - e.g. PTE buttons, ground loop, ANPR etc.
7. Connect **power** to the I/O Board using the PSU provided.

### SET-UP INSTRUCTIONS

Once the unit is installed and powered on:

1. Ensure the SIM card for the audio part has been activated. *If using the Commtel SIM provided, see literature enclosed for further instructions.*
2. Use the Commtel CONFIG app or Cirrus to configure the unit. *See p2 for further information.*
3. For residents to receive video calls, they will need to sign up using the Commtel VISION app. Set up instructions for the app can be found in the Resident Guide included. You can also download the Resident Guide from our website or by scanning this QR code. *See p2 for further information about the Commtel VISION app.*



\*Commtel SIM Card provided, optional.

## INSTALLATION GUIDE

### INSTALLATION TIPS

- When both the ethernet connection and 4G Data SIM are active, the ethernet connection will take priority. However, if the ethernet connection fails or becomes unstable, the device will automatically switch to 4G Data to maintain the video connection.
- Use the positioning template for the siting of the mounting holes.
- Ensure the unit is sealed to prevent water ingress.
- Use electronic grade silicone sealant to seal around all rear entry holes.
- Ensure antenna and power leads have a loop before entering the back of the unit to prevent water ingress along the cable.
- Use the black plastic gland M20 x 1.5mm, std electrical thread to secure the power and antenna leads.
- If drilling out the backbox or steel posts, no metal filings must be left in the backbox. The speaker has a magnet and may attract metal filings. Brush out the back box of all debris before screwing in the faceplate.
- Do a 4G signal test with a 4G analyser to ensure installation of the best SIM card.
- Ensure the unit is turned off before inserting/removing the SIM and plugging in/unplugging the antenna.
- LED Status Lights:
  - Green OK LED is multi purpose. It shows correct antenna connection, correct SIM card installation and signal strength (RSSI).
  - Blue LED is the network status.
- The auxiliary inputs are for volt free exit release type buttons only. Damage will result if feeding voltage or any other item that is not a volt free contact.
- Use the faceplate parking slot at the bottom of the backbox for ease of installation.
- **We strongly recommend the PIN defaults are changed at the point of installation. This can be done via our COMMTEL CONFIG app under System Settings.**

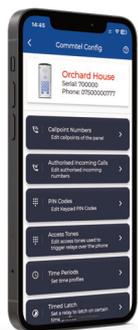
The 4G antenna is an external item that should be installed in the most suitable position so that maximum signal strength is obtained and is more than 200mm from a human body.

This positioning should also allow for avoidance of any likely vandalism as is able.

### COMMTEL CONFIG APP



#### 'Commтел CONFIG' Programming App



- Click the help icon in the top right of the screen for user instructions.
- In order to start the programming of the Intercom, you will need:
- Intercom Serial Number
  - SIM Telephone Number

Available on Android and IOS. Scan the QR code to download.



### COMMTEL VISION APP



#### 'Commтел VISION' Resident App



- See who is at your door, even if you're not around!
  - Quick and easy set-up.
- Available on Android and IOS. Scan QR code to download.



**! Using the Commтел Vision app to receive video will consume mobile data and may result in additional charges if not connected to a Wi-Fi network.**



This device will automatically be assigned to your Cirrus account if you purchased from us directly. If you purchased through one of our Distribution Partners, let them know you have a Cirrus account and they can authorise the device to be moved over.

For more information about Cirrus or to log into your account, head over to our website or scan this QR code.



EU CE Declaration of Conformity and Radio Equipment Directive is available at [www.commtel.io](http://www.commtel.io) | GB-RH10 9RB



Raising Standards  
Advancing Safety

