RSS IP Lite P1
IP Video Entrance Panel

Installer Manual

1. Parts and Functions
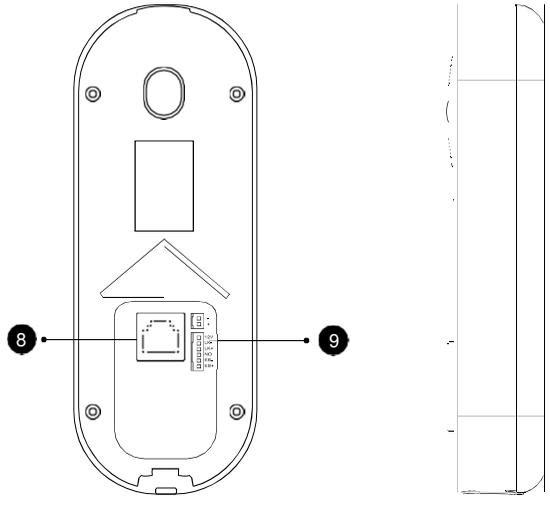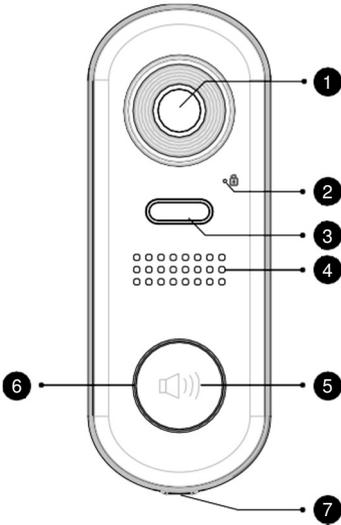
1 **Camera Lens**

2 **LED - Lock**
Indicates unlock status.

3 **LED - Camera**
Indicates monitoring status.

4 **Speaker**

5 **Call button**
Press to call the resident.

6 **Call Button illumination LED**
Indicates status.

7 **Microphone**

8 **Lan connector**
Use to connect the IP-P1 Entrance
Panel to the network.

9 **Terminal connector**
Use to connect external devices to
the IP-P1 Entrance Panel

2. Mounting
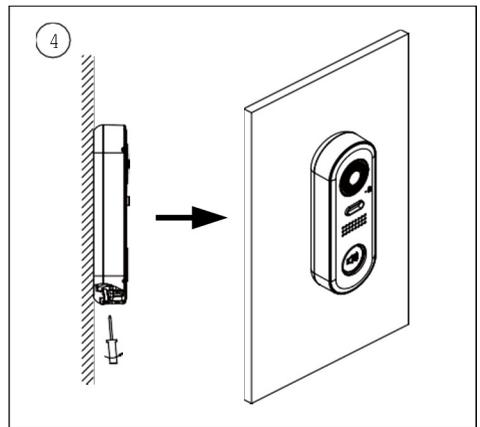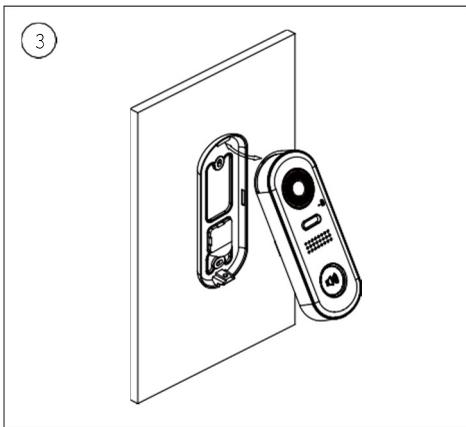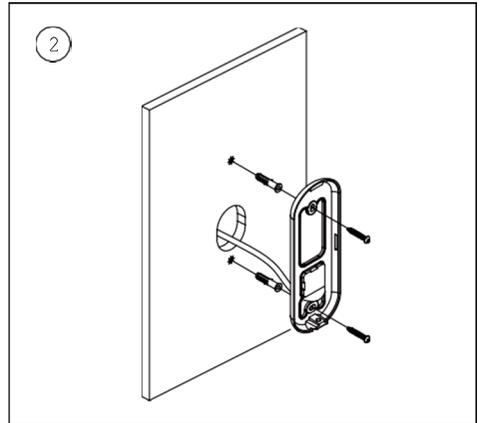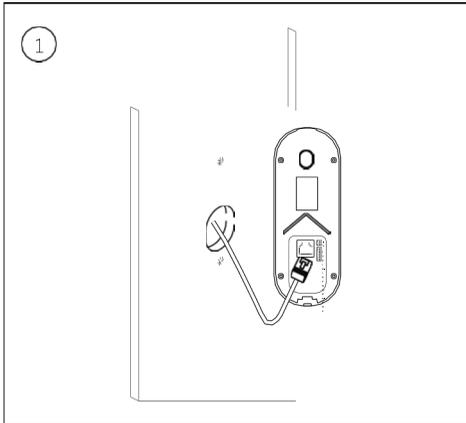
1. The installation height for the Entrance Panel is usually 145~160cm

2. The Entrance Panel is supplied with a foam gasket to be fitted behind the back panel, if required use appropriate sealant at the top and sides of the back panel to inhibit water ingress, leaving the bottom clear for drainage.

3. Use screws to fix the back panel to the wall after connecting the cable.

4. Attach the front panel to the back panel, then use the screw to fix it.

3. Electric Lock Connection

Door Lock Output from Entrance Panel

The Entrance Panel provides a 12V DC output when the lock release command is received. 12V DC locks of less than 300mA can be powered directly from the lock output. All other locks and higher loads will need to be configured via an interface relay (AR-821RB-18 or similar) with a separate dedicated power supply. Options are shown below.
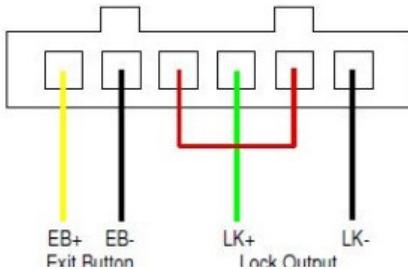
Connections on Interface Plug

EB+ EB-   LK+   LK-
Exit Button   Lock Output
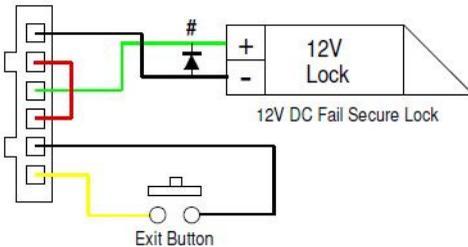
12V DC Fail Secure Lock <300mA
#Suppression diode must be fitted
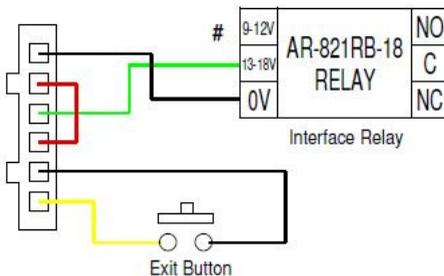
Interface relay connections
suppression diode fitted to relay
as standard.

Typically used for Maglocks

4. Entrance Panel Operations

Associating an IP-P1 Entrance Panel with a monitor in a single dwelling system

Connect all devices and power on:

On the Master monitor (IP-M7)

1. From the main menu, tap "*Setting*" icon.

2. Tap "*Ext.Unit*", and then tap "*Auto setup wizard*".

The Entrance Panel will be renamed and will be linked to this monitor

Associating an IP- P1 Entrance Panel with a monitor in a multi dwelling system

Connect all devices and power on:

On the Master monitor (IP-M7)

1. From the main menu, tap the "*Settings*" icon.

2. Tap "*Ext.Unit*" and then tap "*Enter OS binding*".

On the IP P1 Entrance Panel

1. Power on the IP P1 Entrance Panel and wait approximately 30 seconds for the panel to initialise.(Lock LED NOT flashing, Call button illuminated)

2. Press and hold the *call button* for 10s.

   The Camera LED will flash once at 5 seconds, and again at 10 seconds.

3. Release the Call Button after the second flash of the camera LED (10s) if the Entrance Panel has been paired successfully it will beep once. Check that the monitor(s) in the dwelling call from the call button.

Calling a resident

Press the Call button to call the monitor(s) within the dwelling. The Entrance Panel will beep briefly and an audio message "Call is in progress" will be provided.

The call button Led will pulse to show a call is in progress.

Alternately the audio message will be "Resident unavailable" if the call cannot be completed.

Setting Lock Release Time

On the Master monitor (IP-M7)

1. From the main menu, tap the "**Settings**" icon.
2. Tap "**Ext.Unit**" and then tap "**Outdoor stations**" Enter the Manager password if requested.
3. If there is more than one IP P1 Entrance Panel showing select the required Entrance Panel by tapping it's description.
4. Tap "**Parameters**"
5. Tap "**Lock and PWD**"
6 Tap "Lock1 unlock timing"

7 Enter the desired value in seconds

8. Press "OK"

Do not change any other Parameters

Clearing All Settings

To clear all settings in the IP-P1 Entrance Panel

1 Link EB+ and EB-

2 Press the call button for 5 Seconds (release the call button after the camera LED has flashed once)

3 Remove the link from EB+ and EB- once the Entrance Panel has initialised (Lock LED not flashing, call button illuminated)

Status check

Press and hold the Call button for 5s, release the button as soon as the Camera LED flashes once.

The status prompts are as follows:

Status \ LED's	Lock LED	Call Button illumination LED
SIP registered ok	Fast flashing	
SIP registered error	Normal flashing	
SIP disabled/Not connected	off	
Paired Monitor found		Fast flashing
Other devices online, but master device offline		Normal flashing
No other device detected		off

The Entrance Panel will revert to standard operation after approximately 10 seconds.

5. Specifications

- Power Source: Power-over-Ethernet (IEEE 802.3af Class 0)

- LAN Interface: 10 BASE-T / 100 BASE-TX Ethernet (RJ-45)

- Camera: Type 1/3.7" Ultra Sense, ISP with 77dB WDR

- Lens angle: 170 degree with Fisheye correction

- Minimum illumination: 5 lux

- Wire Type: Cat-5e or Cat-6 (Standard Ethernet cable)

- Wiring Distance: 100m (Approx. 330')

- Operating temperature: -10 to +50 (Degrees C)

- Protection: IP65;

- Dimension: 160(H)×60(W)×31.5(D)mm

6. Precautions

- Clean the unit with a soft cotton cloth, do not use organic or chemical cleaning agents. If necessary, please use pure water or dilute soapy water to remove dust.
- The unit is weather resistant. However do not spray high pressure water on the unit directly. Excessive moisture may cause problems with the unit.
- You must use the correct RJ45 Ethernet connector which is supplied by the manufacture or approved by the manufacture
- Do not dismantle the unit, there are no user serviceable items.

7. Single Dwelling Configuration

POE
Devices

Data only

Private wired
connection to internet
via router
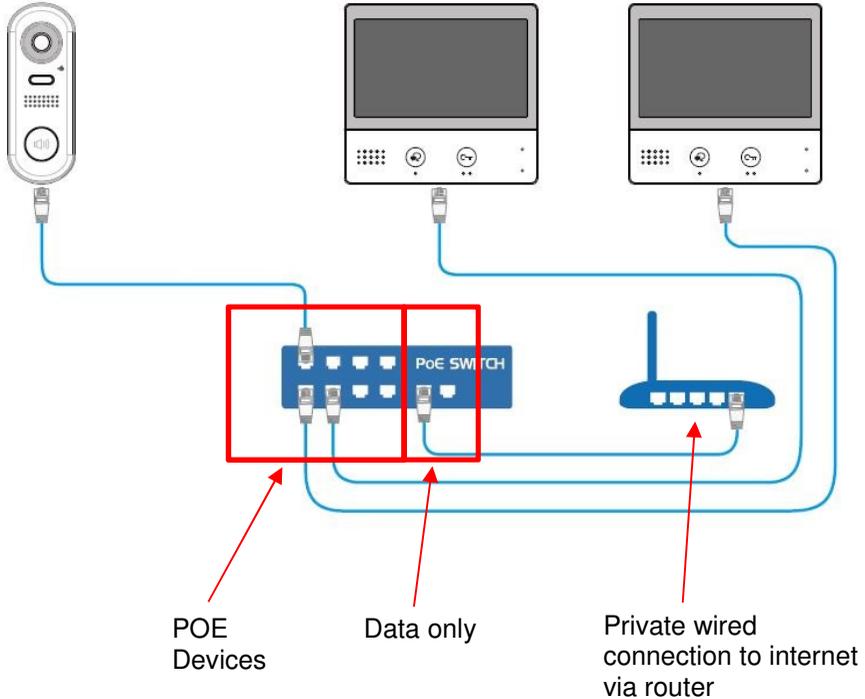
The private wired connection to the internet via a private router is not essential.
However it is a requirement if any of the following are to be used:

1   Call forwarding to Mobile devices (via internet, dedicated SIP server and
        3G/4G mobile telephone network)
2   Automatic time updates on the Door entry Network
3   Access to system firmware updates via a SIP server.

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