

## IPMIT430 / IPMIT460 - Quick Start Guide



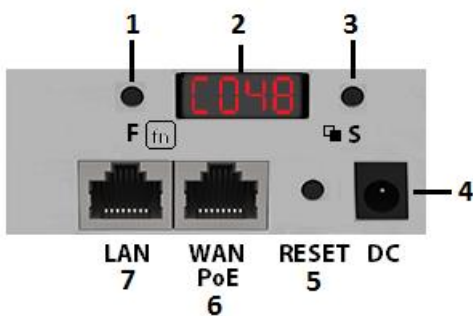
[www.systemq.com/pdf/manual/xIPMIT430.pdf](http://www.systemq.com/pdf/manual/xIPMIT430.pdf)

The IPMIT430s can be used to "bridge" an wireless IP connection for IP cameras or other IP devices wireless between two points, devices connect via the RJ45 port on the IPmitter.

### Powering

**Option 1** - Power from 12V DC (via the 2.1mm DC Socket), the current consumption is 300mA. The IPMIT430 is polarity sensitive so connections must be made correctly.

**Option 2** - Power the camera using 48V PoE, in the RJ45 **WAN/POE** Socket. The IPMIT430 will take approximately 3 minutes to boot up.



1 = Function Button
2 = LED Display
3 = Setting
4 = 12V DC. 2.1mm DC Socket
5 = Reset/Pair Button
6 = WAN - 10Mbps / 100Mbps / 1000Mbps 48 PoE network socket
7 = LAN - 10Mbps / 100Mbps network socket

### Standard WiFi Bridge Setup



For more setup options see the full manual

### Available Channels – 36 - 64 and 100-140 (In multiples of 4)

The IPmitters as default are on H100 (Host and channel 100), and need pairing up before installing. One IPmitter needs to be set to H (Host) and the other to C (Client), they both have to be set to the same channel number.

### Example - Pairing on channel 100

1. Power both IPmitters, and leave to boot up for at least 3 mins.
2. Press the F (function) button and "H" will flash. Press the S (setting) button to change to "C100"
3. Then the whole display will flash to indicate the settings have been saved, once it boots back up the display will show "C036".
4. Now press the RST (reset) button for 1 second on both IPmitters. The display will change to a P with a rotating segment whilst pairing and will show P and a value once paired. Pairing can take up to 5 minutes.

**NOTE** : - Keep both IPmitters at least 2m apart during pairing, if the IPmitters are too close they will "de-sense" and not pair.

- Do not attempt to pair both IPmitters connected to the same PoE switch, they will detect a network loop and not pair.

### ERR - On display

1. Default both IPmitters (press and hold rst button for at least 10 seconds).
2. Attempt pairing process again.

The strength will range P-01 (Good) to P-75 (Poor). If P-95 shows then the IPmitters have not paired. Eventually the display will go off.

To add more clients (up to 4) to one host then set the channel on the new client and press the reset buttons on the new client and the Host.



[www.zipdvr.com/howto/TIP459-How-To-Add-IP-Cameras.html](http://www.zipdvr.com/howto/TIP459-How-To-Add-IP-Cameras.html)

If using the IPMIT430 with a ZIP Recorder then the cameras needs to be manually configured, scan the QR code to the left for the "how to guide"

LAN Port 1 Speed	10Mbps / 100Mbps
LAN Port 2 Speed	10Mbps / 100Mbps / 1000Mbps
Frequency	5.8Ghz
Wireless Data Speed	900Mbps
Wireless Standard	IEEE802.11AC/A
PoE Voltage	48V
12V Input Option	Yes
Max Tx Distance	2000m (Recommend 1000m)
Easy Pair Technology	Yes
Support 1 - 1	Yes
Support 1 - Many	Yes
Modes	Access Point / Repeater
Mounting	Wall Or Pole (Not Supplied)
Dimensions	260 x 88 x 56mm

All specifications are approximate. System Q Ltd reserves the right to change product specifications or features without notice. Whilst every effort is made to ensure that these instructions are complete and accurate, System Q Ltd cannot be held responsible for any losses, no matter how they arise, from errors or omissions in these instructions, or the performance or non-performance of the equipment referred to.

