



PRS with Digi IX40

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PRS with Digi IX40

Setting up the PRS Hardware

Install the AC power brick to the Digi IX40:



Remove the old connector:



Install the AC Power brick:



Installing the SIM Card

A. Locate the SIM Cover on the left side of the Digi IX40.



D. To remove SIM Card Tray (1, top), lightly push the tray until you hear it click.



E. The SIM Card Tray unseats. Pull the SIM Card Tray out of the SIM Card Slot.

F. Turn the SIM Card Tray over.



G. With the metal contacts on the 4FF SIM Card facing up, push the SIM Card into the Tray.



I. Turn the SIM Card Tray over again. The metal contacts now face down.

J. To re-insert the SIM Card Tray, push it back into the SIM Card Slot (top).

CAUTION! Make sure to line up the SIM Card Tray with the top SIM Card Slot. There is a space at the top. If you do not align the SIM Card Tray with the Sim Card Slot, the SIM Card Tray could fall into the Digi IX40.

K. Push lightly on the SIM Card Tray until it clicks.

L. Re-attach the SIM Cover and hand-tighten the screw.

Installing the Antennas

Attach and hand-tighten the four cellular antennas to the WWAN1, WWAN2, WWAN3, and WWAN4 ports or, if external antenna is needed, connect antennas as followed:

- **2x2 MIMO** → use 2 cellular antennas
 - Connect to **WWAN1 and WWAN2** (or the two primary WWAN ports on the IX40)
 - This is the **minimum recommended** for LTE and works for most deployments

Connect the IX40 antennas



- **4x4 MIMO** → use 4 cellular antennas
 - Connect to **WWAN1–WWAN4**
 - Required to get the **full throughput benefits** on LTE Cat 12+ / some 5G carriers.

Connect the IX40 antennas



Connecting the WAN Port

Connect the Ethernet cable to WAN/ETH1 port:



Connecting AudioCodes and Grandstream ATA's on the Digi IX40

Connect Ethernet cables to ETH2 or ETH3 or ETH4 (pictured below) on Digi IX40 to the following devices in the steps below.



a. Connect Ethernet cables on Grandstream 81X on NET1:



b. Connect Ethernet cables on AudioCodes MP504 and MP508 to Blue WAN Port:



c. Connect Ethernet cables on AudioCodes MP524 to Blue WAN 1.



d. Connect Ethernet cables on AudioCodes MP1288



Power up the Hardware

1. Power up the Digi hardware
2. Power up AudioCodes or Grandstream hardware