M330 Series Industrial Cellular Router
Quick Installation Guide

Version: 1.01
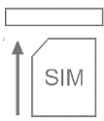
Install the SIM Card

STEP 1: Before inserting or removing the SIM card, ensure that the power has been turned off, or the power connector has been removed from the M330 Cellular Router.

STEP 2: Using a screwdriver to remove the metal protective cover first, insert the SIM card into the card slot. The cut-off edge of the SIM card on SIM slot is to the left.

STEP 3: Push the SIM card and lightly press it to lock into the slot.

STEP 4: Remove the SIM card, lightly press it and it will pop out of the slot.

NOTE:
- Please use the industrial SIM card operating from -40°C to +105°C to ensure proper cellular router operation.
- SIM loose contacts: adding a layer of tape behind the SIM might increase contact pressure for better attachment.

LED Indicators

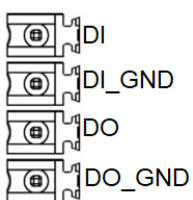The following table explains the LED indicators on the front panel.

LED	Off	On	Slow	Fast	Heartbeat
FN	N/A	VPN connected	Internet connected	Booting	Wi-Fi Connected
RSSI	No signal	High signal	Medium signal	Low signal	WPS Processing
PWR	Power down	Power up	N/A	N/A	N/A

WPS and Reset Button

Function	Operation
WPS Processing	Press the button less than 5 seconds.
Reset	Press the button for 5-10 seconds.
Reset to default setting	Press the button for more than 10 seconds.

Connecting I/O Ports

There are four terminals on the terminal block with two terminals used for digital input and two terminals used for digital output.
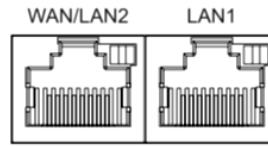

Pin	Description
DI	Digital Input
DI_GND	
DO	Digital Output
DO_GND	

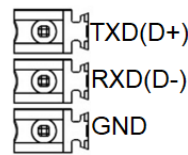DI: Low (+0 to +5V) / High (+8 to +40V)
DO: Open Collect (maximum 30V/300mA)

LED Indicators of Ethernet Port

There is one LED indicator for LAN port and WAN port.

LED	Blinking	On	Off
Green (Link / ACT)	Data Transmitting	LINK UP	LINK DOWN

RS-232 and RS-485 pinouts

NOTE:
- RS-232 and RS-485 share the signal pins "TXD(D+)", "RXD(D-)" and common ground pin "GND".

RS-232 (Applicable for M330-W)

Pin	Signal	Direction
TXD	Transmit Data	Output
RXD	Receive Data	Input
GND	Signal Ground	-

RS-485 (Applicable for M330-W5)

Pin	Description
D +	Serial Port, Data+ (A) wire
D -	Serial Port, Data- (B) wire
GND	Signal Ground

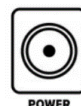

RS-485 2-wire cable (Twisted Pair)

Connecting the Power Supply

Powering the M330 Cellular Router is by either terminal block or a DC jack.

V+, V- pints of the terminal block on the front panel.

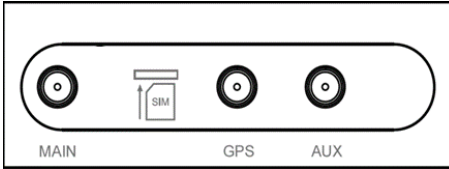The power input voltage range is 8 ~48VDC.

One DC Jack is on the right panel.

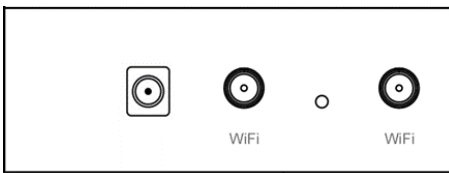The power input voltage is 12 VDC.

P/N: 604040000083

Antenna Installation

Three SMA connectors placed on the left panel are for connecting to

external LTE and GPS antennas.

- MAIN: for LTE Transmit and Receive

- GPS: for GPS

- AUX: for optional LTE Receive for better downstream speed

Two RP-SMA connectors placed on the right panel are for connecting to

external Wi-Fi antennas.

DIN-rail and Wall Mounting

Din-rail

STEP 1: Use the screws to install the DIN-rail kit to attach at the rear side of
the device.

STEP 2: Hook the unit onto the DIN-rail.

STEP 3: Push the bottom of the unit towards the DIN-rail until it locks in
place.

NOTE:
- Two screw types are flat head M3 x 4 mm.

Wall Mounting

STEP 1: At the bottom side of the device, use two screws to install the wall
bracket.

NOTE:
- Each screw type is flat head M3 x 4mm.

STEP 2: Hang the device on the wall with the installed wall bracket.

Setup

(1) Access the Web Configurator

a. Type the default URL **http://192.168.1.1** in your web browser.

b. In the login page, enter the default username **root** and the default
password **2wsx#EDC** and then click the **Login** button.

(2) Change the Password

Go to the **Management -> Administration** and enter the desired **New
Password** and then scroll down the page and click the **Apply** button.

Wi-Fi Connection

(1) SSID

The default SSID is a string of characters (the MAC address of the device).

(2) Password

a. The default Wi-Fi password is 12345678.

b. Go to **WiFi -> WiFi Config** and change the default SSID and passphrase,

then click **Apply** button

NOTE

- Please scan below QR Code to download online resources.
  Download link: https://www.proscend.com/en/product/M330.html

M330