



M2U350 series

5G FR2 ODU

-Outdoor mmWave Receiver

Quick Start Guide

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Country safety statements

UK: Hazardous substance notice

This product do not contain hazardous substances (as defined in UK Control of Substances Hazardous to Health Regulations 1989 and the Dangerous Substances Regulations 1990). At the end of this product's life cycle, the customer should consult with the system integrator to ensure that the product is disposed of in conformance with the relevant regulatory requirements.

Europe: Directive 2014/53/EU

European Council Recommendation 2014/53/EU details basic restrictions and reference levels on human exposure to electromagnetic fields as advised by the ICNIRP. Adherence to these recommended restrictions and reference levels should provide a high level of protection as regards the established health effects that may result from exposure to electromagnetic fields.

Country Safety statements

USA: Federal Communications Commission

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 80 cm from all persons.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications made to this device not expressly approved by the manufacturer may void the FCC authorization to operate this device.

Precautions for Wireless Devices

When using this device, ensure that the antenna of the device is at least 80 cm away from all persons.

WARNING: Do not use this device where using wireless devices is prohibited or may cause interference or danger.

If you are using any electrical medical device, contact its manufacturer for the restrictions on the use of this device.

CAUTION: The EM radio waves generated by this device may interfere with the operation of electronic medical devices. Do not take this device into operating rooms, intensive care units (ICUs), or coronary care units (CCUs).

Usage safety precautions

- Do not use this device where flammables or explosives are stored, for example, in a gas station, oil depot, or chemical plant. Otherwise, explosions or fires may occur. In addition, follow the instructions indicated in text or symbols in area used.
- Place this device on a stable surface.
- Keep this device far from electronic devices that generate strong magnetic or electric fields, such as microwave ovens, satellite dish antennas, or large appliances.
- Do not use any other power adapter except the one is provided with this device. Use of other adapters could damage this device.
- Before connecting and disconnecting cables, ensure that your hands are dry.
- To avoid electric shock, damage, and fire resulting from short-circuiting, do not use the product if wet, with wet hands, or while holding or drinking any liquids.
- Only insert relevant cables or devices into the ports, do not insert metal or other foreign objects.
- Do not place naked flame sources, such as lighted candles, on this device. Keep this device far from sources of heat and fire, such as a heater or a candle.
- Damage caused by user misuse or not following instructions are not covered by warranty.
- Do not cover this device. Reserve space around the vents of this device for heat dissipation.
- Do not use this device in an area under or over temperatures stated in **operating environment** in this product's **specifications**.

Service information

Refer all repairs to qualified service personnel. Do not modify any part of this device, as this will void the warranty.

Disconnect the power to this product and return it for service if the following conditions apply:

1. The product does not function after following the operating instructions outlined in this manual.
2. The product has been dropped or impacted and appears physically damaged.

Locate the serial number of the product and record this on your registration card for future reference. Also record the MAC address, located on the product sticker.

Electrical safety precautions

- Read all instructional and cautionary documents before operating this device.
- Ensure that users are experienced with this communications equipment and can make mechanical settings or adjustments safely.
- Make sure enough electrical sockets are available and not over overloaded by unfused adaptors as this can cause fires.
- Ensure there are no trailing cables that can cause people to trip or fall.
- Switch off and unplug this device before relocating or opening the server chassis.
- Stop using this device immediately if it appears to be faulty or have damaged parts and have it checked by competent persons.
- This device must be grounded properly to earth. Failure to use properly grounded outlets may result in electrical shocks.

Outdoor usage

- This device is designed for outdoor use with an ingress protection for waterproof & dust proof.

Installation location requirement

- This device is for locations where it is unlikely that children will be present and not suitable to be installed where children may be present in the future.

This document details the procedure for installing the component as stated. This document is intended for qualified personnel with a working knowledge of communications equipment.

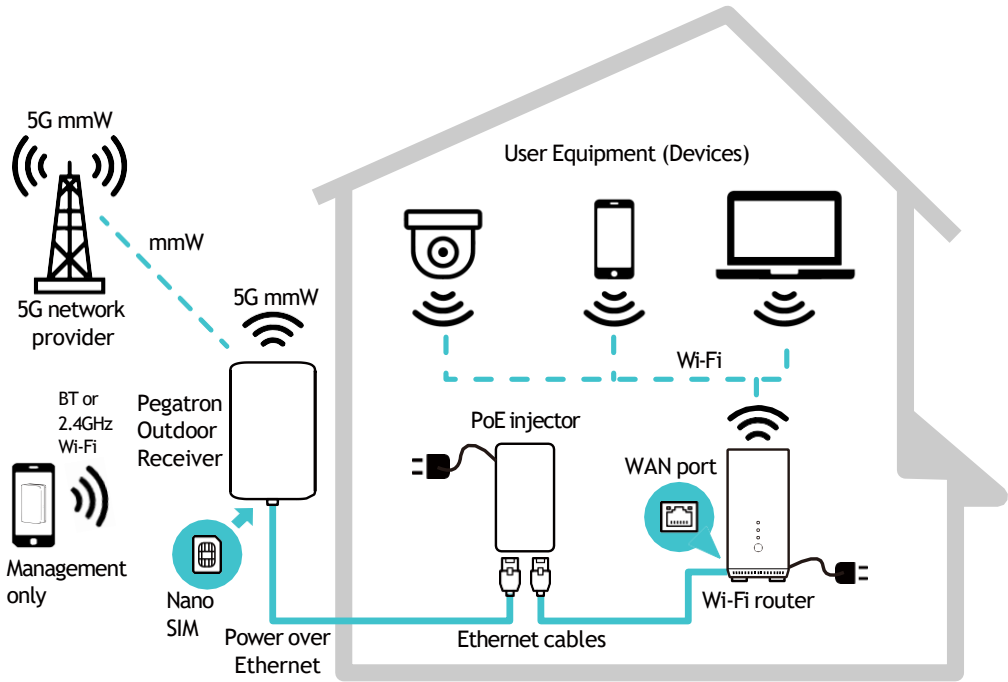
Document revision history

Revision	Date	Notes
1.00	2024-Jul	1st release (English)

5G mmW outdoor receiver for internet service

The M2U350 outdoor receiver is a customer-premises equipment (CPE) that supports 5G NR SA core networks with mmWave. It offers the flexibility of 5G NR mobile broadband access to provide much higher download speeds. The M2U350 is designed for outdoor usage which protects against temporary water submersion. It is powered by a PoE (802.3bt) and provides a 10G ethernet port that can transmit multi-gigabit high-speed connections for internet access. With a mounting bracket, the M2U350 ODU can be attached to a wall or pole and function as a fixed wireless access modem with a cable connection to an in-house Wi-Fi gateway.

Here is a basic topology to diagram the parts involved and how they are related:



► The following specifications may change without notice.

Package Contents

- Outdoor M2U350 5G receiver
- Port cover with Ethernet cable (5m)
- POE injector and AC power cord
- Mounting kit (wall/pole mount bracket and accessories)
- RJ45 ethernet cable (cat 6A, 2m)

Technical specifications

- Qualcomm® Snapdragon™ X65 5G modem-RF (EU/NA)
- Qualcomm® QTM547 mmWave antenna
- 5G NR, 3GPP release 16, mmWave
- Network Mode: SA
- mmW bands: n257/n258/n260/n261
- mmW Antenna: 2x2 MIMO, PC1
- GNSS L1

Ports & Connections

- Ethernet: 10M/100M/1000M/2.5G/5G/10G Base-T
- USB Type-C (debugging only)
- Nano-sized (4FF) SIM slot
- eSIM (optional)
- 1x1 2.4G WiFi & BT (management only)

Management

- TR-069, HTTPS

Certifications/Standards

- CE, FCC, RoHS

Antennas

- Integrated internal 5G
- Four 5G mmW antenna elements

Status indicators

- Signal and Status LEDs (2)

Physical button

- Reset

Power supply

- PoE injector: AC input 100V-240V AC
- PoE (802.3bt) via RJ-45 port
- RJ-45 port rating: 56V DC / 1.08A
- Power: Under 60 Watts

Physical specifications

- Dimensions: 214.5 x 132.5 x 60 mm
- Weight: 1.5 kg

Mounting

- Pole and wall by bracket (ODU)

Operating environment

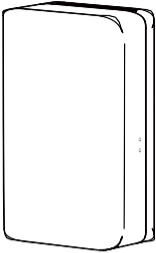
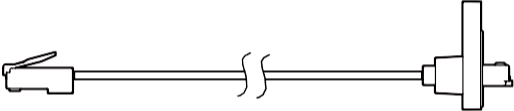
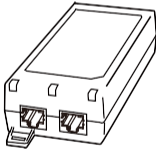
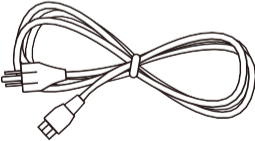
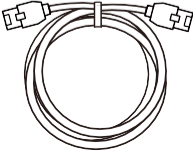
- -40°C to 55°C
- waterproof & dust proof
- Lightning / ESD Protection

Specifications by territory

Note: The following specifications may change without notice.

PRODUCT LIST (VARIES BY REGION)

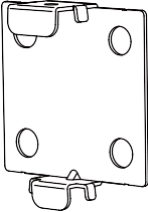
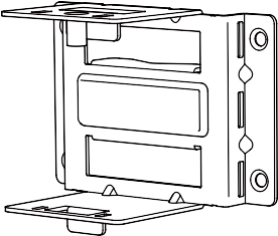

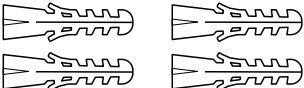
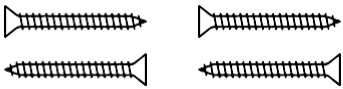
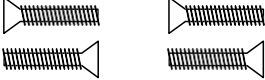
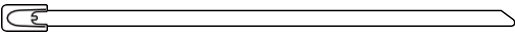
► Examples only, actual items and quantities will depend on order

PARTS	QTY	IMAGE	
<ul style="list-style-type: none">M2U350 5G receiver	x1		
<ul style="list-style-type: none">Bottom port cover with flat Ethernet cable (5 meters)	x1		
<ul style="list-style-type: none">PoE injector (Power over Ethernet)	x1		(Indoor-use only with a maximum operating temperature of 40°C (104°F))
<ul style="list-style-type: none">AC power cord	x1		(Plug types depends on region.)
<ul style="list-style-type: none">RJ45 ethernet cable (Cat 6A, 2 meters)	x1		(Category 6A performance is defined for frequencies up to 500 MHz.)

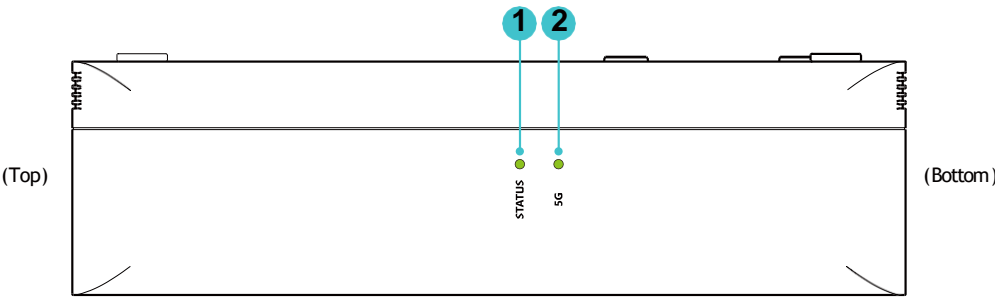
Please be noted that all interconnecting cables are to be routed inside UL Listed flexible conduits of outdoor use.

MOUNTING KIT (VARIES BY REGION)

Examples only, actual items and quantities will depend on order

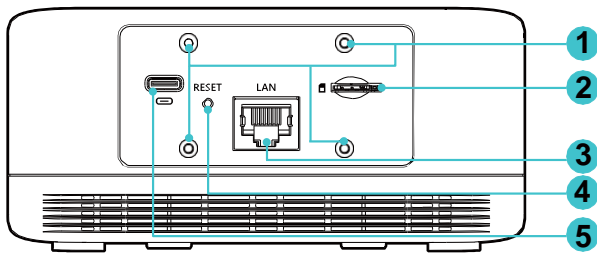
PARTS	QTY	IMAGE
<ul style="list-style-type: none">Back cover bracket	x1	
<ul style="list-style-type: none">Wall or pole mount bracket	x1	
<ul style="list-style-type: none">Back cover screw (M4*12L)	x5	
<ul style="list-style-type: none">Plastic wall anchors (Ø6*29.6L)	x4	
<ul style="list-style-type: none">Wall mount screws (M4*30.42L)	x4	
<ul style="list-style-type: none">I/O door cover screw (M3*6L)	x4	
<ul style="list-style-type: none">Stainless steel wire tie	x1	

RIGHT SIDE - SYSTEM LEDS



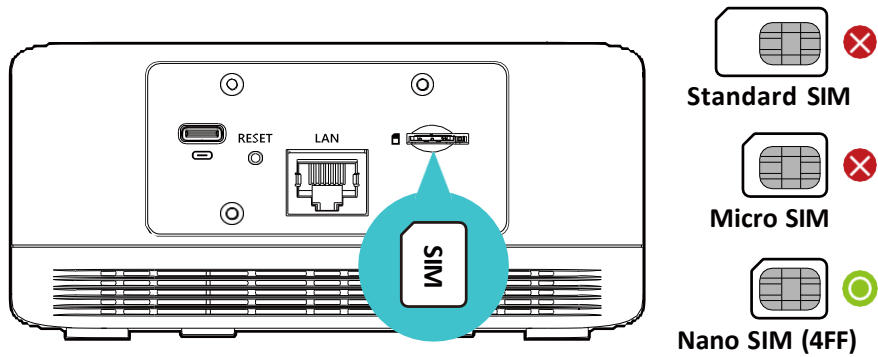
No.	Name	Color	State	Description
1	Status	<dark>	Off	Powered off
		Green	Blinking (1/s)	Connecting... to the Internet
		Green	Blinking (2/s)	WWAN Tx active
		Green	Solid	Connected to the Internet
		Amber	Solid	System ready after bootup
		Amber	Blinking	Wi-Fi client connected but no Internet connection
		Red	Blinking	Bootng
		Red	Solid	Error
		Red- Amber- Green	Looping	Firmware upgrading...
2	5G (signal strength)	Green	Solid	Signal available and "strong"
		Amber	Solid	Signal available but "moderate"
		Red	Solid	Signal available but "weak"

BOTTOM SIDE - PORTS & BUTTON



No.	Item	Description
1	Cover screw holes (4)	To secure the bottom port cover with the provided screws.
2	Nano SIM card slot	For a nano (4FF) SIM card.
3	Ethernet port	Ethernet port for POE. When the bottom cover is installed, the RJ45 on the LAN cable plugs into the Ethernet port. The other end inserts into the provided POE injector.
4	Reset button	System reboot: Press & hold for over 3 secs (under 10 secs). Reset to default: Press & hold over 10 secs.
5	USB type-C port	The USB port of this device is used for maintenance only.

BOTTOM - MOBILE SIM SLOT



Item	Description
Nano SIM slot	Install a 5G/4G nano SIM card for wireless connectivity to your mobile network provider. Like a mobile phone, this device will automatically connect to the Internet when powered on.

INSTALLATION REQUIREMENTS

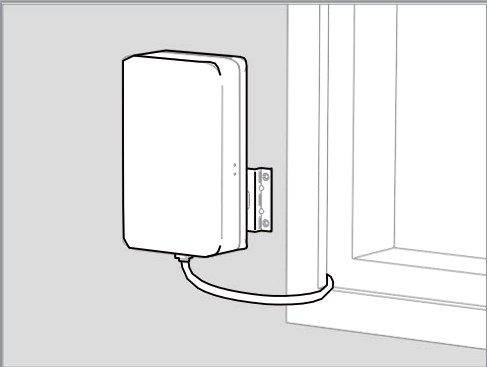
Confirm and understand the following:

- You have tested this device to see that it receives a good 5G signal at this location.
- There is an indoor AC power outlet for this device that is not near a water source. Never use an outdoor AC outlet.
- You can route the cable through a window that will still fully close.
- You are mounting this device vertically and below a roof line.
- You have the following tools on-hand:
 - Power drill and drill bit for the screws or plastic anchors used
 - Screwdriver for the screws used
 - Hammer to insert plastic anchors if used
 - Exterior sealant to help secure cable and prevent water leakage
- Although customers with advanced home maintenance skills may choose to perform the outdoor setup, it is highly recommended that most customers find professional outdoor setup help.
- Outdoor setup is a complex installation task, best suited for those with experience in mounting equipment on the exterior of their homes. Improper mounting of the receiver can cause damage to both the equipment and your home.
- Do not attempt this installation if you are unsure about the siding material or backing material type.
- Pegatron is not liable for any property damage resulting from the installation process.

INSTALLATION LOCATIONS

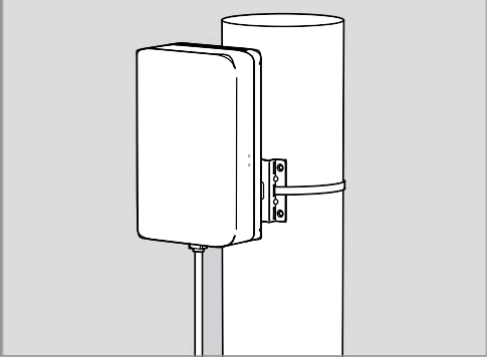
Wall mount / flat surfaces

- Any area that allows installation of screws



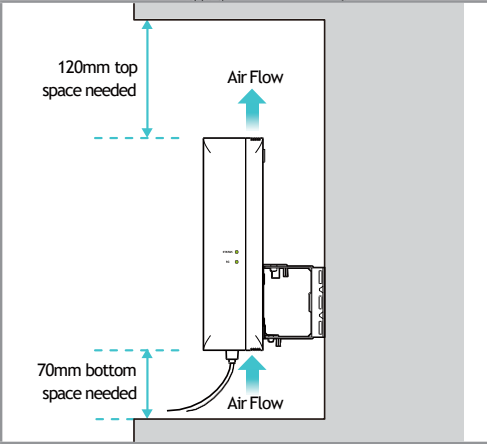
Pole mount / non-flat surfaces

- Any surface that allows wrapping of zip ties or metal bands



SPACE REQUIREMENTS

Installation of this device requires space on top and bottom to allow proper air flow.

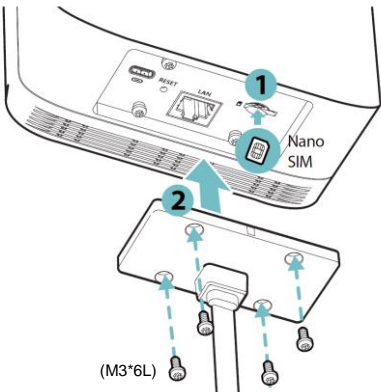


TESTING INSTRUCTIONS

- ▶ You will need to connect and test this device on a flat surface inside your window before any physical installations.
 - 1. Insert your own 5G NR SIM card into the SIM card slot on the bottom of the receiver.
 - 2. Connect the provided flat ethernet cable attached to the bottom port cover by securing with the provided screws. Make sure to do this carefully and evenly.
 - 3. Connect the other end of the provided flat Ethernet cable to the OUT port of the PoE injector.
 - 4. Connect the provided ethernet cable to the IN port of the PoE injector and the other end into an existing switch, PC, indoor Wi-Fi router, or similar device.
 - 5. Plug in the AC power and power on your own Wi-Fi router to similar device.
- ▶ It is recommended to use a category 6a cable (as provided) to connect the PoE injector and your indoor Wi-Fi router.
 - ▶ The AC input of the PoE injector (adapter) is 100V to 240V AC.

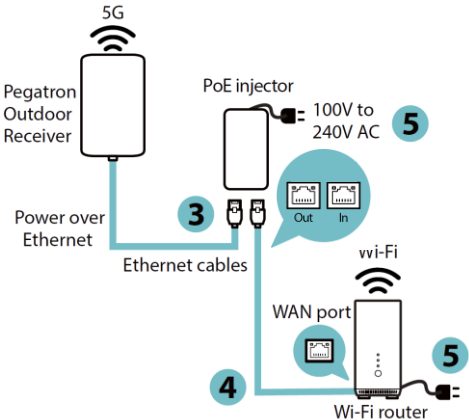
Bottom port cover installation

Place the port cover into the bottom with the RJ45 connector aligned into the Ethernet port. Secure the cover with the provided cover screws.



Connection example

Follow the connection example below with your own Wi-Fi router.

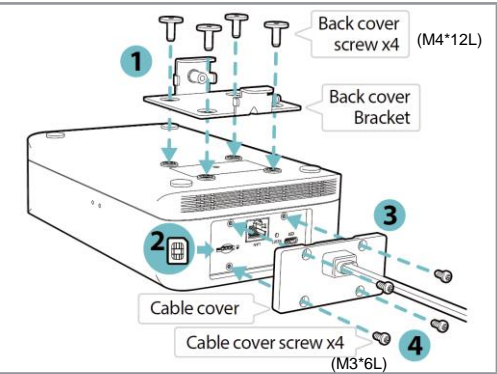
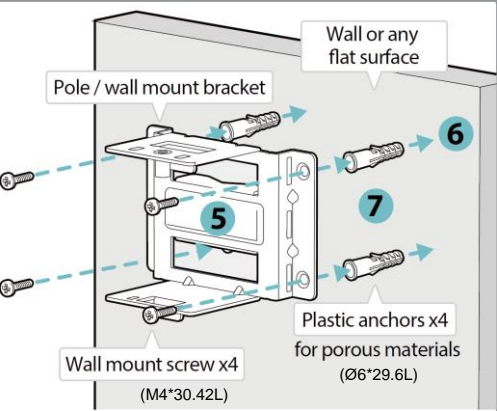
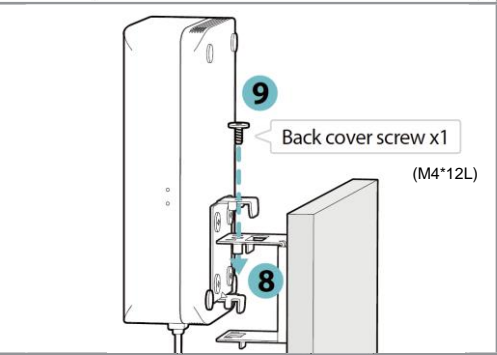


MOUNTING TO POLES OR BARS

► If this device will be mounted outside where there will be people nearby, it must be installed at a height above your head to prevent people from obstructing the signal.

<div>1. Install the back cover bracket on the device with four back cover screws.</div> <div>2. Insert a 5G/4G nano SIM card into the SIM slot.</div> <div>3. Place the I/O cover over the bottom with the RJ45 connector into the Ethernet port.</div> <div>4. Secure the cover with four cover screws.</div>	
<div>5. Make sure the bracket is set upwards as shown.</div> <div>6. Pass the steel cable tie through the mounting bracket and tighten them against the pole.</div> <div>► The provided mounting kit allows for mounting on poles, bars, or any vertical support with a maximum circumference up to 440 mm (17 in). You may use other ties if needed.</div>	
<div>7. Align the holes and install the device (with back cover bracket) into the mounting bracket.</div> <div>8. Then use a back cover screw to secure the device.</div>	

MOUNTING TO FLAT SURFACES

<div>1. Install the back cover bracket on the device with four back cover screws.</div> <div>2. Insert a 5G/4G nano SIM card into the SIM slot.</div> <div>3. Place the I/O cover over the bottom with the RJ45 connector into the Ethernet port.</div> <div>4. Secure the cover with four cover screws.</div>	
<div>5. Make sure the bracket is set upwards as shown.</div> <div>6. Mark four-hole locations</div> <div>7. Drill holes for the size of the screws or plastic anchors if used.</div> <div>► Use protective gear for your eyes, hands, and face. Be careful to avoid drilling into electrical wires, gas lines, or water pipes to prevent injury and property damage.</div>	
<div>8. Align the hole and install the device (with back cover bracket) into the mounting bracket.</div> <div>9. Then use back cover screw to secure the device.</div>	

SETUP WIZARD FOR CELLULAR WAN

Setting up, configuring, managing the device, and troubleshooting can be done through the device’s internal utility accessed using any Internet browser. You can check device status by viewing network connectivity and other useful information. The internal utility can be accessed through a PC, laptop, or tablet that has an internal network connection to this device when it is powered on.

- 1. On a PC connected to the device by ethernet or Wi-Fi, open the web browser and enter the URL "<http://192.168.225.1>" to enter the login page.

The Wi-Fi default SSID is:
PM2U2G-XXXX (XXXX is the device LAN MAC last four digits)
Default password: **12345678**

- 2. If this is first time you login, you will be directed to the Setup Wizard, set your own login password and click **Next**.

- ▶ You must set a password or else you
- ▶ Passwords must be at least 8 one lower case letter. (Case sensitive (0–9, a–z, A–Z) and symbols supported.) Click the “eye” icon to see or hide your password.

APN: Choose **Auto**.
PIN: Enter your SIM card pin if one was set, or leave empty.
▶ Note that your mobile carrier may
PDP Type: Select “IPv4/IPv6” and click “Next”.

Setup Wizard
Fill all form field to go to the next step

Account

Internet

IP Passthrough

Wireless

Summary

Set Password

Password

Confirm Password

Next

Set Password

Password

Confirm Password

Next

Setup Wizard
Fill all form field to go to the next step

Account

Internet

IP Passthrough

Wireless

Summary

Cellular WAN

APN

PIN

PDP Type

Previous

Next

Setup Wizard for cellular WAN

3. IP Passthrough: You can Enable or leave default of Disabled and click 'Next'.

[Enable allows a specific device on your local network to be exposed to the internet by assigning the router's public IP address to it, bypassing Network Address Translation (NAT).]

The screenshot shows the 'Setup Wizard' interface with the 'IP Passthrough' step selected. The progress bar at the top shows 'Account', 'Internet', 'IP Passthrough', 'Wireless', and 'Summary'. The 'IP Passthrough' section has a toggle switch labeled 'IP Passthrough' which is currently set to 'Disabled'. At the bottom, there are 'Previous' and 'Next' buttons.

4. Setting Wireless 2.4 GHz SSID/ Security Option/Password, click "Next".

- It is highly recommended to select a security option to enable the Wi-Fi encryption function to protect your data on your Wi-Fi network.

The screenshot shows the 'Setup Wizard' interface with the 'Wireless 2.4GHz Settings' step selected. The progress bar at the top shows 'Account', 'Internet', 'IP Passthrough', 'Wireless', and 'Summary'. The 'Wireless 2.4GHz Settings' section includes fields for 'SSID' (PM2U2G), 'Security Option' (WPA2 Personal), and 'Password' (masked with asterisks). At the bottom, there are 'Previous' and 'Next' buttons.

Note your SSID and Key (password) needed to connect to this network.

- Important: Do not leave this page after you click "Apply".

The screenshot shows the 'Setup Wizard' interface with the 'Summary' step selected. The progress bar at the top shows 'Account', 'Internet', 'IP Passthrough', 'Wireless', and 'Summary'. The 'Summary' section displays the configured settings: 'Wireless SSID(2.4GHz)' as KANGAROO_ODU and 'Wireless Key(2.4GHz)' as Pega_Kangaroo. At the bottom, there are 'Previous' and 'Apply' buttons.

7. After clicking "Apply", you will need to login again to use the web interface.

Username: **admin**

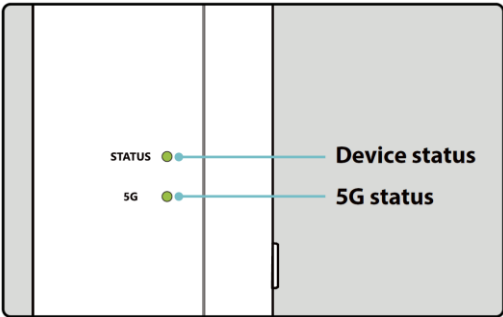
The screenshot shows the 'Sign in' login screen. It displays the URL 'http://192.168.225.1' and a warning 'Your connection to this site is not private'. There are input fields for 'Username' and 'Password'. At the bottom, there are 'Sign In' and 'Cancel' buttons.

CHECKING 5G SIGNAL STATUS

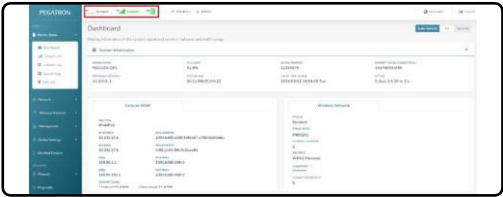
If your SIM card is 5G NR, the indicator color is mainly based on the 5G NR status.

Physical: Check the 5G NR status by viewing the device status indicators on the device body. The status of the 5G NR will show either:

- Green = Excellent
- Blue = Good
- Red = Poor.



Software: You can also use the web interface to see the 5G NR LTE status. Click “PEGATRON” to display device information, the status of the will be displayed as colored icons in the upper left of the page.



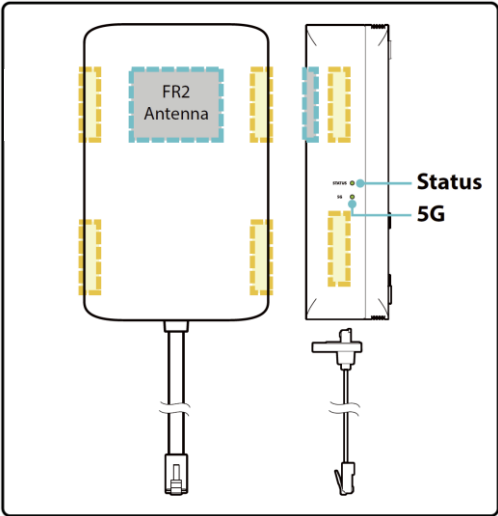
5G NR Status: Displayed in three levels with explanation text.



IMPROVING 5G SIGNAL STATUS

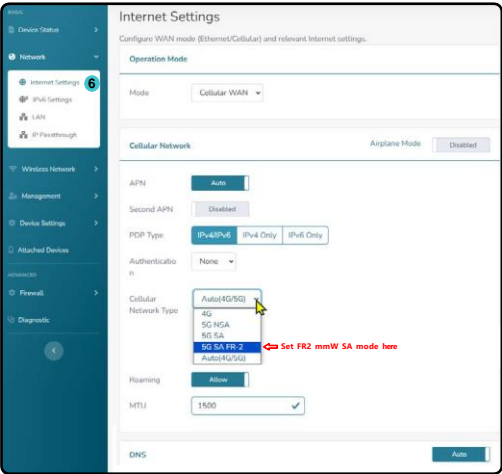
If you want to increase the signal strength, you need to understand the antenna locations.

- **FR2 mmW:** A single **directional** type antenna and located on the front cover.
- ▶ You can move the device slowly or adjust the angle slowly, and then observe the LED indicator status on the front or status icon in the web interface.



CHANGING CELLULAR NETWORK TYPE

If you want to change cellular network type to FR2 mmW SA mode. Use the web interface and the following path: **Network > Internet Settings > Cellular Network Type > 5G SA FR-2**



DASHBOARD (1)

PEGATRON

BASIC

Device Status

Dashboard

Cellular Info

Cellular Log

System Log

GPS Info

Network

Wireless Network

Management

Device Settings

Attached Devices

ADVANCED

Firewall

Diagnostic

2

3

4

5

6

7

8

9

10

11

12

13

14

Dashboard

Auto Refresh 10 Seconds

Display information of the system, wired and wireless network and traffic usage.

System Information

MODEL NAME	CPU LOAD	SERIAL NUMBER	MEMORY USAGE (USED/TOTAL)
kangaroo	100%	AABBCCDDEEFFGGII	172MB/645MB
FIRMWARE VERSION	SYSTEM MAC	LOCAL TIME (Y/M/D)	UPTIME
V1.0.0.2_1	EA:73:67:EA:E2:A8	2024/01/04 17:37:06 Thu	0 days 2 h 44 m 52 s

Cellular WAN

Wireless Network

PDP TYPE

IPV4/IPV6

IP ADDRESS

10.128.30.21

IPV6 ADDRESS

2001:b400:e3af:964e:8c79:bf8c:d5b2:c8c8

GATEWAY

10.128.30.22

IPV6 GATEWAY

fe80::5d63:d89a:f6f2:4aa8

DNS1

168.95.1.1

IPV6 DNS1

2001:b000:168::1

DNS2

168.95.192.1

IPV6 DNS2

2001:b000:168::2

CURRENT USAGE

Upload:825.78KB | Download:646.62KB

STATUS

Enabled

SSID(2.4GHZ)

PM2U2G

CURRENT CHANNEL

1

SECURITY

WPA2 Personal

PASSWORD

CONNECTED DEVICES

0

Traffic Overview

Total

1.5 MB

1 MB

0.5 MB

0 MB

12/29

12/30

12/31

01/01

01/02

01/03

01/04

[Dashboard](#)

#	Description
1	View Dashboard
2	5G signal status: Green = Excellent, Blue = Good, Red = Poor
3	4G signal status: Not available for M2U350 series.
4	SIM card status
5	Cellular upload speed (Bps)
6	Cellular download speed (Bps)
7	Language selection
8	Log out of this web interface
9	Dashboard auto refresh time (seconds) - Editable
10	System Information - Click to hide or show
11	Cellular connection information
12	Wireless connection information
13	Traffic throughput - Select Total, Upload, or Download for viewing
14	Side bar - Click to shrink or widen

CELLULAR NETWORK INFO & STATUS (2)

Lists Information and status of the cellular network. Cellular networking utilizes a cellphone (mobile) network for internet access.

BASIC

Device Status

Dashboard

Cellular Info

Cellular Log

System Log

GPS Info

2

Network

Wireless Network

Management

Device Settings

Attached Devices

ADVANCED

Firewall

Diagnostic

Cellular Network Information and Status

Auto Refresh10Seconds

List information of cellular network status. Cellular networking utilizes a cellphone network for internet access.

Local Information

Module firmware revision

RG530FNAEAR05A01M8G_OCPU_BETA_20230727A

International mobile equipment identity (IMEI)

888825050009785

SIM card status

SIM READY

Integrated circuit card identifier (ICCID)

88886920042043606644

International mobile subscriber identity (IMSI)

888824204360664

Mobile station international subscriber directory number (MSISDN)

+886988882795

Current Connection Status

Type of cellular connection

EN-DC

Service Provider

Chunghwa Telecom

Mobile Country Code (MCC)

466

Mobile Network Code (MNC)

92

Cell ID (CID)

81269016

Physical Cell ID (PCID)

902

Tracking Area Code (TAC)

13701

5G Band

78

5G Bandwidth (MHz)

90

Absolute Radio-Frequency Channel Number (ARFCN)

630912

Reference signal received power (RSRP)

-99 dbm

Range: -140 to -44 dbm

Reference signal received quality (RSRQ) (reference quality)

-12 dbm

Range: -20 to -3 dbm

Signal to Interference & Noise Ratio (SINR) (interference indicator)

20 dbm

Range: -20 to 30 dbm

LTE Band

7, 7

LTE Bandwidth (MHz)

20, 10

E-UTRA Absolute Radio-Frequency Channel Number (EARFCN)

3050, 3400

LTE Carrier Aggregation Information

BAND: 7, BW: 20, EARFCN: 3050, PCID: 386, RSSI: -68, RSRP: -102, RSRQ: -14, SNR: 9
BAND: 7, BW: 10, EARFCN: 3400, PCID: 386, RSSI: -78, RSRP: -98, RSRQ: -10, SNR: 6

Reference signal received power (RSRP) 15 kHz (single sub-carrier)

-102 dbm

Range: -140 to -44 dbm

Reference signal received quality (RSRQ) (reference quality)

-12 dbm

Range: -20 to -3 dbm

Signal to Noise Ratio (SNR) (interference indicator)

8 dbm

Range: -20 to 40 dbm

DEVICE SETTINGS - FIRMWARE (19)

Network

Wireless Network

Management

Device Settings

Setup Wizard

Date/Time

Backup/Restore

Firmware

Reboot

Firmware

The **Firmware** page displays your router's firmware version information. You can click **Check For New Version** to manually check if the new firmware is available.

Current Software

Firmware Version

V1.0.0.3_1

Check For New Version

Choose Upgrade File

Choose file

Browse

Upload

firmware-V2.0.0.1_1.bin

Example file name on your computer

Upgrading

Please wait for a while to restart the device...

Progress bar after clicking "Upload"

Item	Description
Check For New Version	Check for newer firmware on the Internet now.
Choose file / Browse	Click Choose file field or Browse button to select a file.
Upload	Click Upload to start the firmware upgrade process.

FIRMWARE UPGRADE

1. Click "Upload" to start the firmware upgrade process.

2. Click "Proceed" and all the connections will be terminated during firmware upgrade. Do not power off the device and wait for a few minutes while a progress bar is displayed.

3. It will reconnect to your computer after completion.

4. After the firmware is updated, the device will automatically restart and return back to the firmware page. It may need a few minutes to synchronize.

Backup/Restore

Firmware

Reboot

Choose Upgrade File

Choose file

Browse

Upload

Firmware is synchronizing and this may take several minutes, please wait.

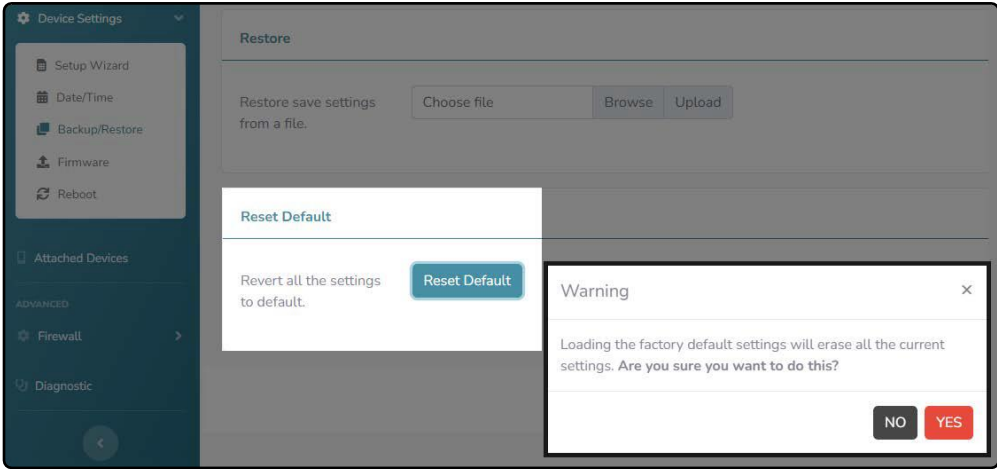
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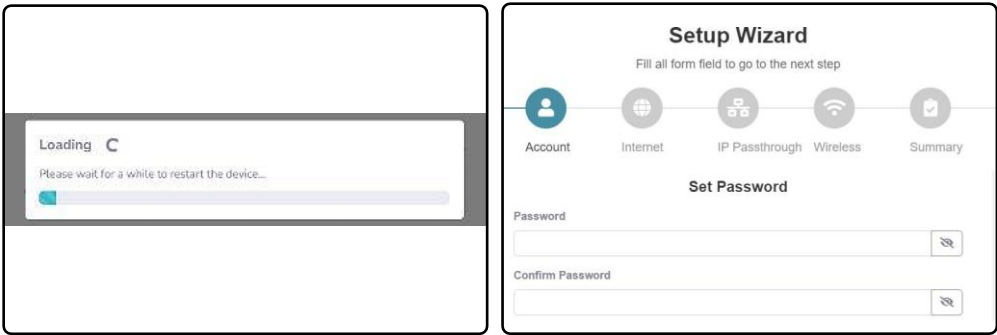
26

FIRMWARE UPGRADE

- 5. After finishing synchronization, you can **Reset Default** to make sure the firmware update is utilized. Path: **Device Settings > Backup/Restore > Reset Default**
- 6. Click **YES** to load default and remove any user changes/settings.



- 7. Wait for the progress bar to finish:



- 8. After **Reset Default**, the web interface will lead to the **Setup Wizard** page.

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