Package content

LTU-Pro

Mounting bracket

Holding clamp

Holding clamp

Round head screws (qty: 2)

Flange Nuts (Qty: 2)

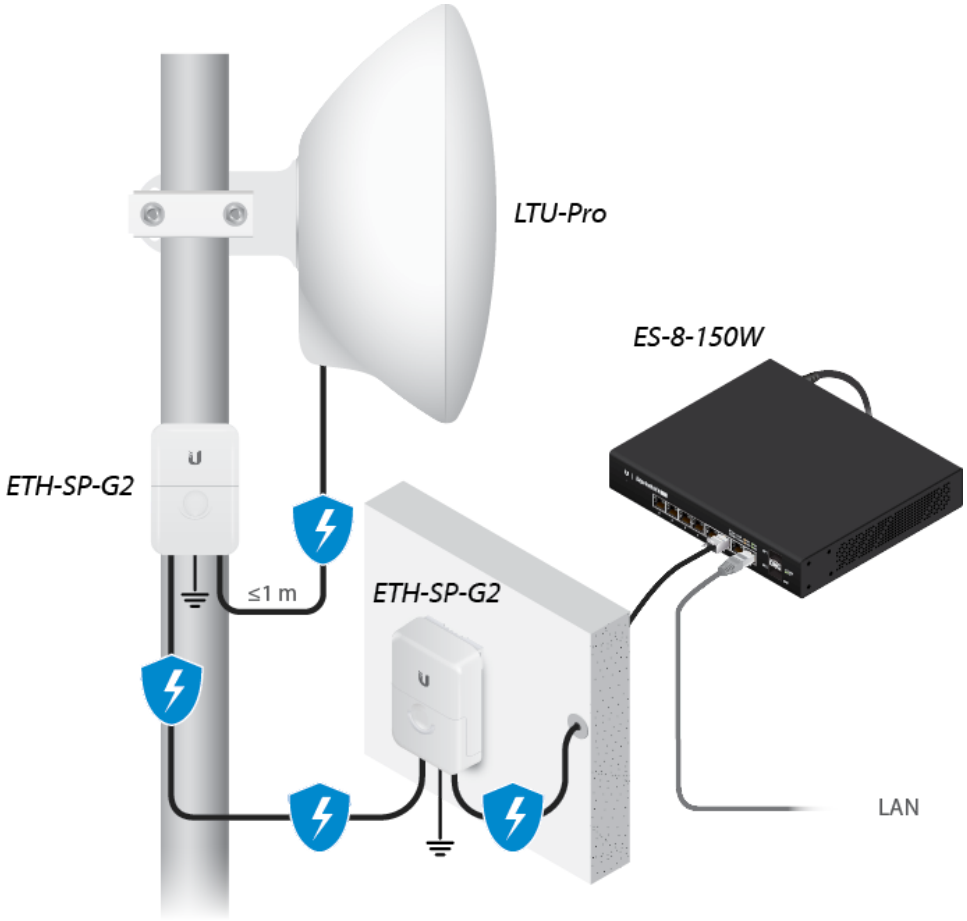
Gigabit PoE (24V, 0.5A) with Mounting bracket

Power cord

Installation requirements

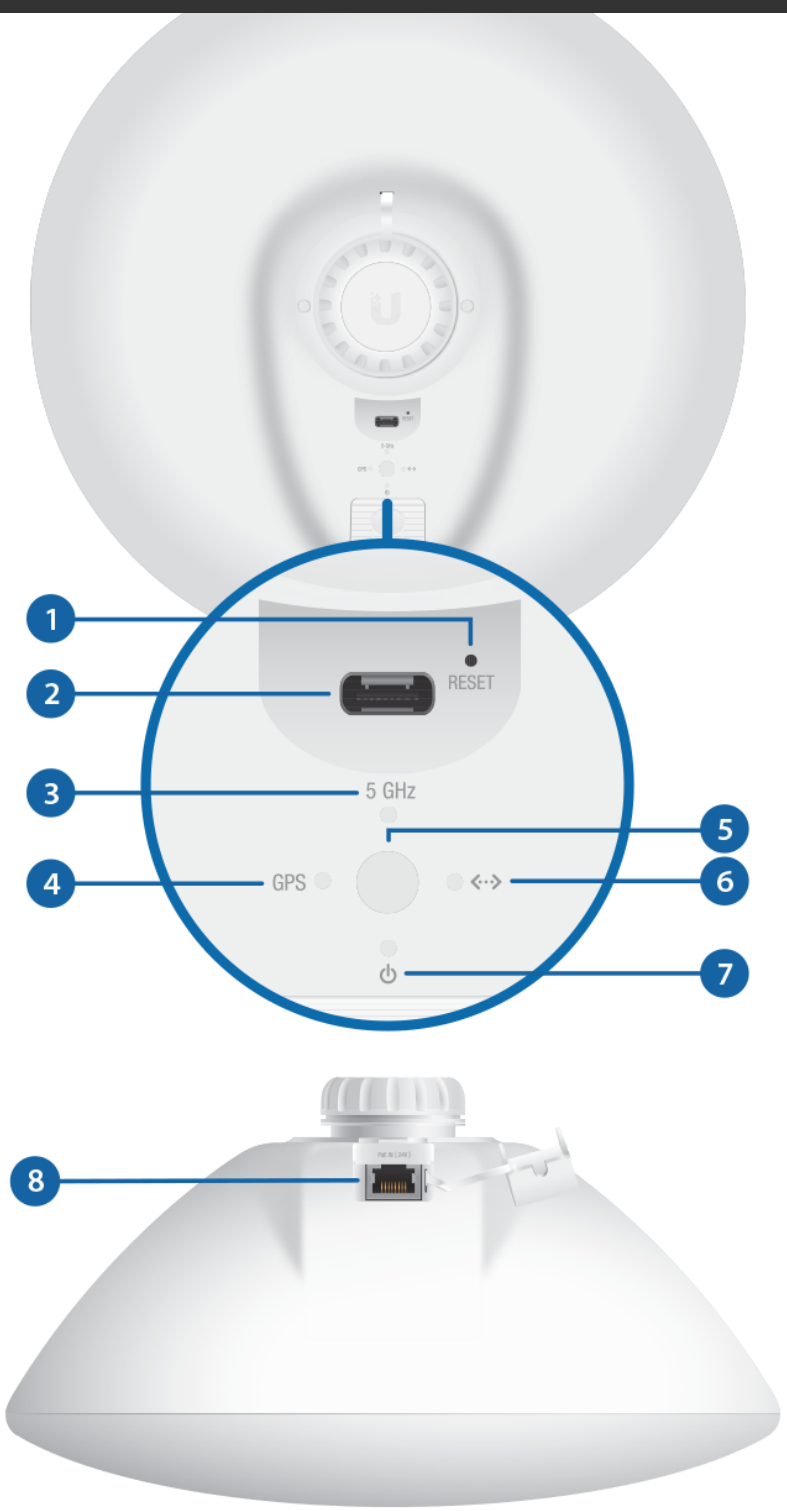
- PtMP LTU access point (such as the LTU-Rocket model).
- 13mm wrench
- Surge protection must be used in all outdoor installations. We recommend that you use two Ethernet surge protectors (model ETH-SP-G2), one near the device and the other at the input point of the device.

Note:For guidelines on grounding and lightning protection, follow local electrical codes.



- Category 6 (or higher) shielded cabling and shielded RJ45 connectors are required for all wired Ethernet connections.

Device Overview



1 Reset Button
To reset to factory defaults, press and hold the Reset button for more than 10 seconds while the device is turned on.
2 USB-C port

3 5GHz LED	
Blue	The LED will light blue when the link is active.
4 GPS LED	
Blue	The LED will light blue when the GPS signal strength is sufficient. This requires a minimum of three satellite connections.
5 UNMS LED	
flashing white	Startup in progress.
White	Ready to use, not connected to the Ubiquiti® Network Management System (UNMS™). Consult "UNMS Management" .
Blue	Ready to use, connected to UNMS.
Solid blue with occasional flashing	Out of the box, cannot connect to UNMS, please check connection to UNMS server.
Fast blue flashing	Used to locate a device in the UNMS.
Alternation between blue and white	Firmware update in progress.
6 LAN LED	
Blue	The LED indicator will turn solid blue when the device is connected to an Ethernet network via the Ethernet port and will flash if there is activity.
7 Power LED	
Blue	The LED will light blue when the device is connected to a power source.
8 PoE input port (24V)	
The 10/100/1000 Ethernet port is used to connect the power and must be connected to the LAN and DHCP server. Default IP address: 192.168.1.20	

Pole Mount

1.

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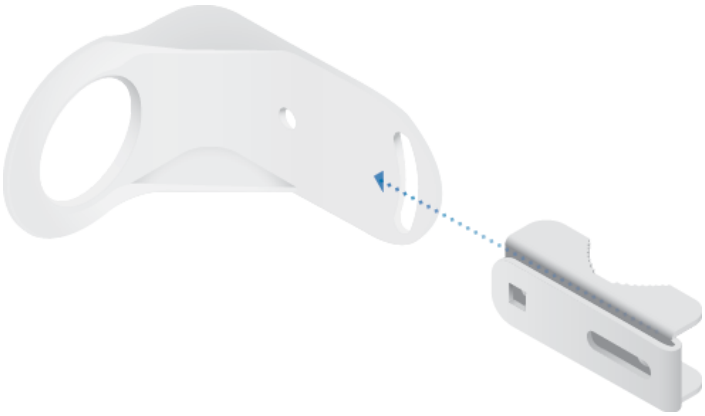

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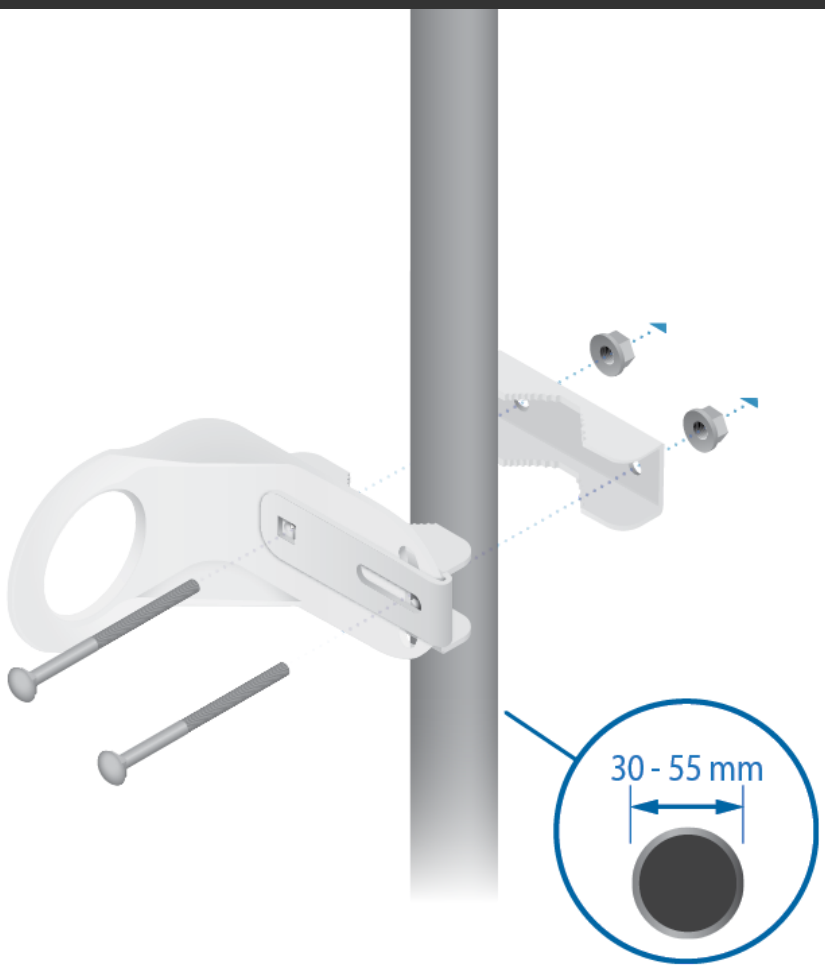

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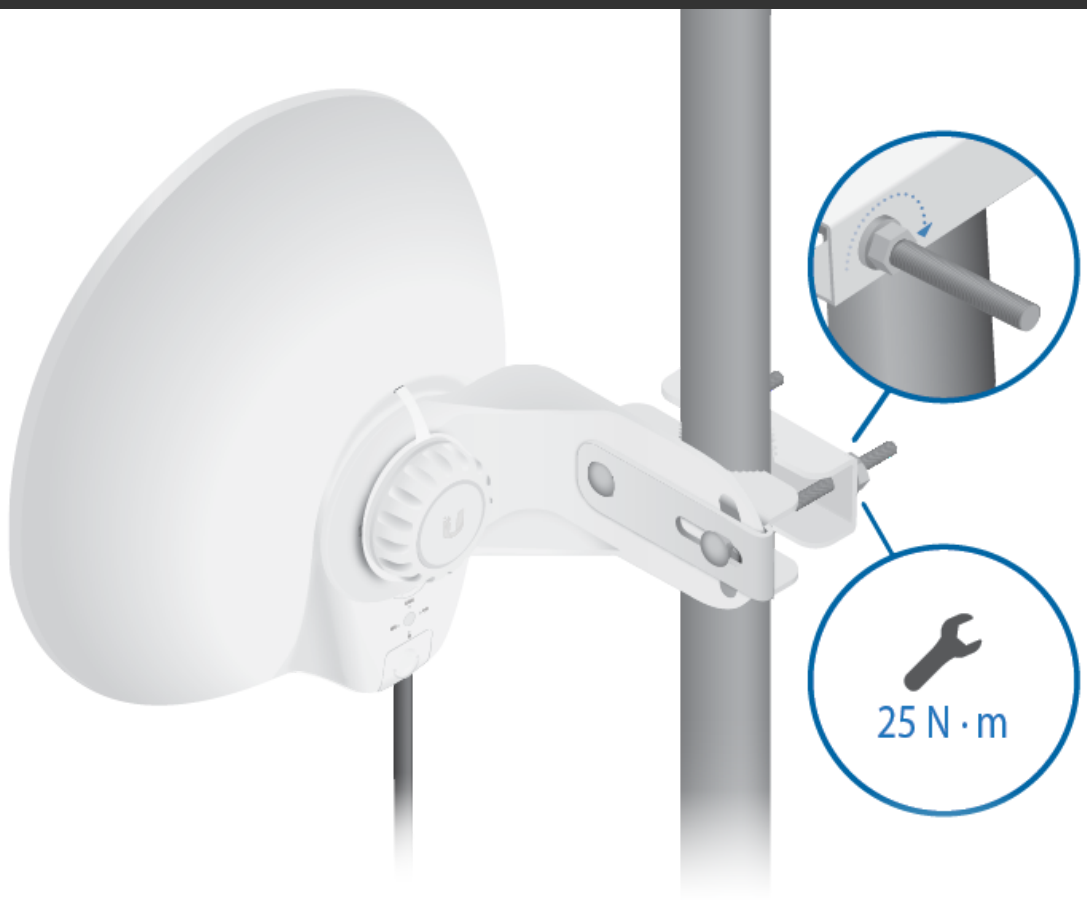
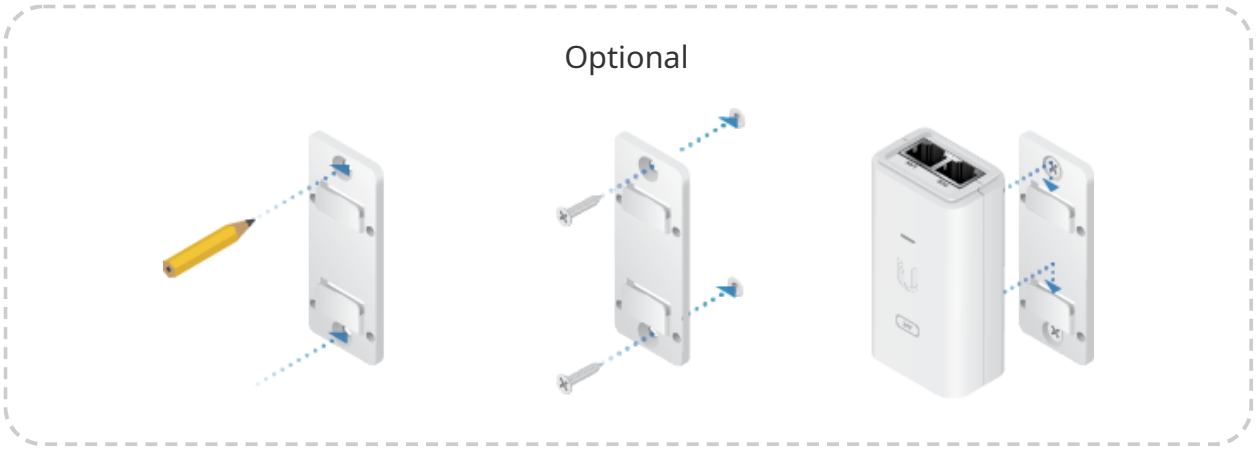


Power connection

WARNING:The port switch must meet the power specifications listed in section"Specifications" .



Access to the configuration interface

1. Check that your host is connected via Ethernet to the device.
2. Configure the Ethernet adapter on your host system with a static IP address in the 192.168.1.x subnet.
3. Start your web browser and type https://192.168.1.20 in the address field. Press Enter (PC) or Return (Mac).

4. Select your language and country. You must accept the Terms of Use, EULA and Privacy Policy to use the product. Click Continue.

The LTU configuration interface will open allowing you to customize your settings as needed. To set up the hotspot from your device, go to Find My AP .

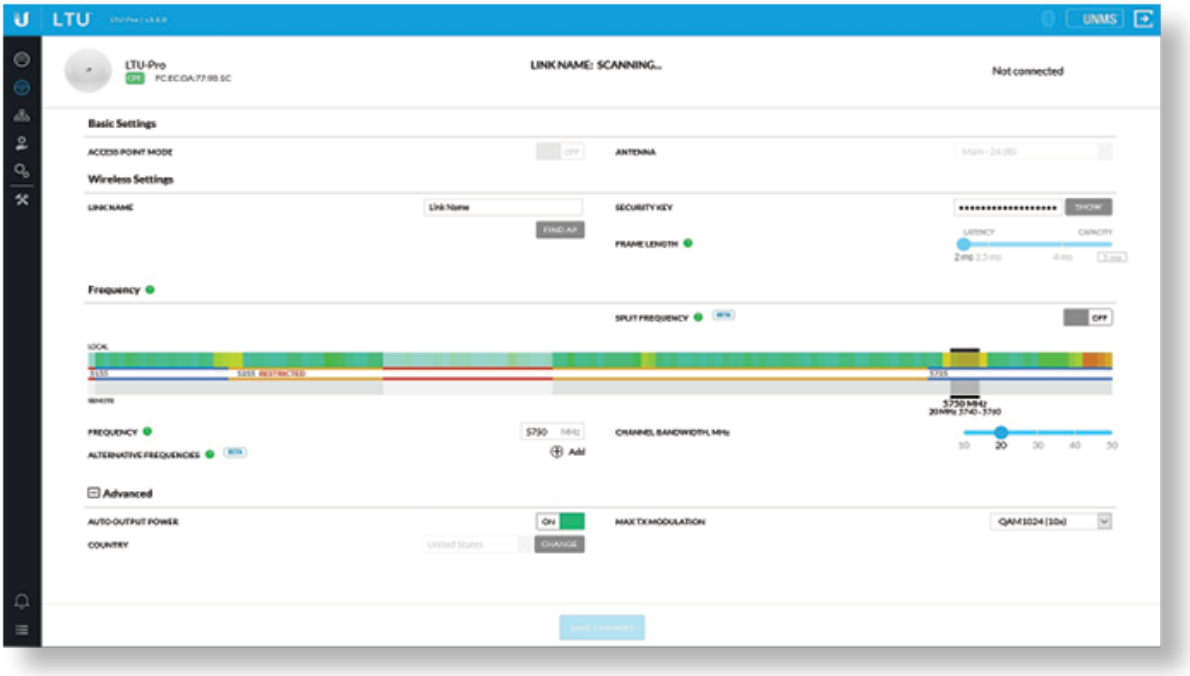
UNMS Management

You can manage your device using UNMS, which allows you to configure, monitor, update, and backup your devices through a

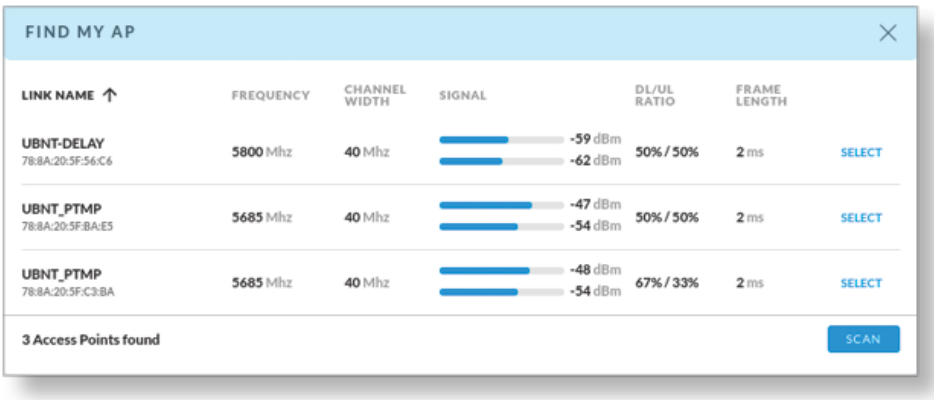
Find my access point

1. Click the icon.
2. In the Wireless Settings section, adjust the channel bandwidth (default: 20 MHz) according to your needs.

Note:If the access point's channel bandwidth is set to 50 MHz and your device is set to 20 MHz, the device will not detect that access point and you will need to change the channel bandwidth on the device.



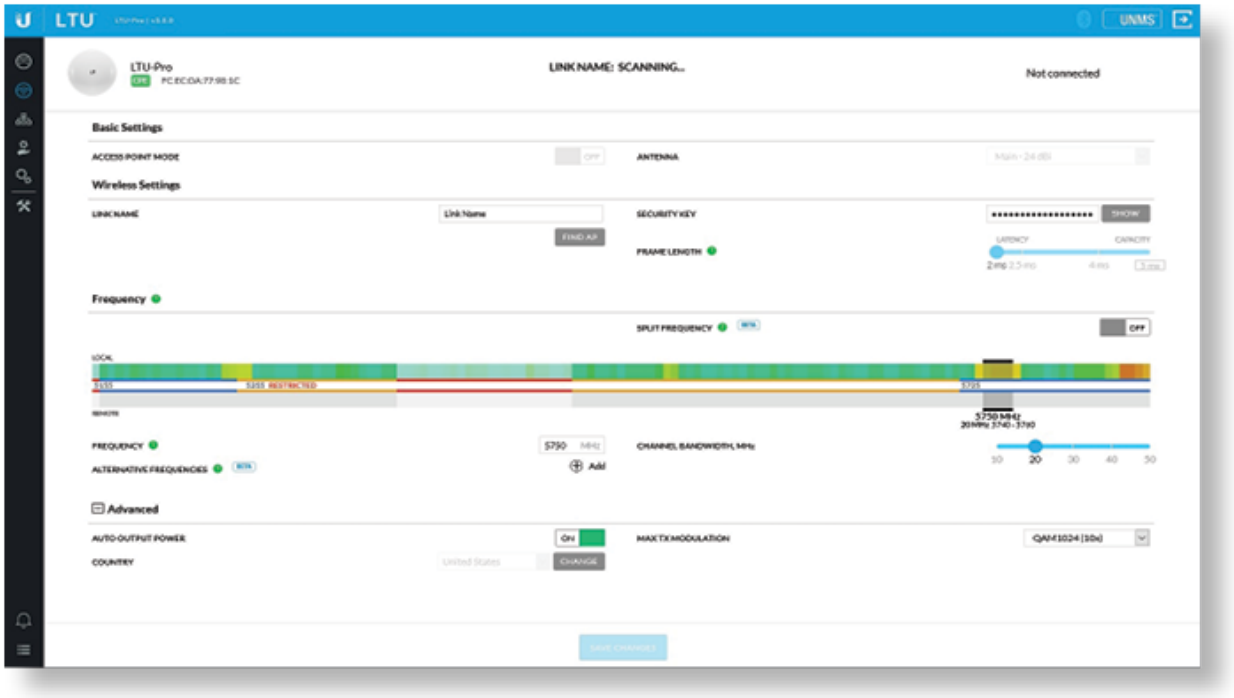
3. Click Find AP.
4. The device will search for nearby access points. Click Select on the appropriate access point. To search again, click Scan.



5. Follow the on-screen instructions.

Responsibility

Devices must be installed professionally and it is the professional installer's responsibility to ensure that the device is operating in accordance with country-specific regulatory requirements.



The Auto Output Power field helps the professional installer meet regulatory requirements.

Specifications

LTU-Pro	
Dimensions	316.5 x 316.5 x 174.3mm (12.46 x 12.46 x 6.86")
Weight	1.3kg (2.87lb)
Network interface	(1) 10/100/1000 Ethernet port
Material	UV stabilized plastic exterior
Maximum power consumption	9W
Power supply	24V 0.5A Gigabit PoE Adapter (included)
Feeding method	24V passive PoE input (pairs 4, 5+; 7, 8-)
Supported voltage range	22 - 26V
Revenue	24 dBi
Amplitude	14th

Lateral lobe level	- 10 dB
Front to rear ratio	27 dB
Mounting	Pole mounting (kit included)
wind load	150 N @ 200 km/h (33.72 lbf @ 125 mph)
Wind resistance	200 km/h (125 mph)
ESD/EMP Protection	±24 kV contact/air
Operating temperature	-40° C to 60° C (-40° F to 140° F)
Operating humidity	5 to 95% non-condensing
Certifications	CE, FCC, IC

Operating frequency (MHz)		
All over the world		4800 - 6200*
US/CA	U-NII-1	5150 - 5250
	U-NII-2A	5250 - 5350
	U-NII-2C	5470 - 5725
	U-NII-3	5725 - 5850

** It depends on the regulations of the region.*

Radio management (MHz)	
All over the world	2400 - 2483.5

Safety instructions

1. Read, follow and save these instructions.
2. Heed all warnings.
3. Use only the devices or accessories indicated by the manufacturer.

WARNING:Do not use this product in a place where it may be submerged in water.

WARNING:Avoid using this product during a thunderstorm. There is a remote possibility of electric shock caused by lightning.

Electrical Safety Information

1. It is mandatory to comply with the current, frequency and voltage requirements indicated on the manufacturer's label. Connection to a power source other than those specified may

2. This equipment contains no operator-serviceable parts. Only a qualified service technician should provide services.
3. This equipment is supplied with a detachable power cord that has an integral safety ground wire designed to connect to a safety ground.

   to. Do not replace the power cord with anything other than the approved type provided. Never use an adapter plug to connect to a two-wire outlet, as it will stop ground wire continuity.

   b. The equipment requires the use of the ground wire as part of the safety certification. Modification or improper use may create a shock hazard, which could result in serious injury or death.

   c. If you have any questions about the installation, contact a qualified electrician or the manufacturer before connecting the equipment.

   d. The indicated AC adapter provides a safety ground. For installation in a building, adequate short-circuit backup protection must be provided.

   and. A protective connection must be installed in accordance with national wiring standards and regulations.

Limited warranty

ui.com/support/warranty

The limited warranty requires arbitration to resolve disputes on a case-by-case basis and, where appropriate, specifies arbitration rather than jury trials or class actions.

Compliance

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide acceptable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

The FCC has approved this radio transmitter.

CAN ICES-3(A)/NMB-3(A)

This device complies with ISED Canada's license-exempt RSS standards. Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

ISED Canada has approved this radio transmitter.

The device for operation in the 5150-5250 MHz band is intended for indoor use only to reduce the possibility of harmful interference to co-channel mobile satellite systems.

IMPORTANT NOTE

Radiation Exposure Statement:

- This equipment complies with radiation exposure limits established for an uncontrolled environment.
- This equipment must be installed and used with a minimum distance of 141 cm between the radiator and your body.
- This transmitter should not be co-located or used in conjunction with any other antenna or transmitter.

Australia and New Zealand

Warning: This equipment complies with Class A of CISPR 32. In a residential environment, this equipment may cause radio interference.

Brazil

Note:This equipment is not intended to protect against harmful interference and may not cause interference in duly authorized systems.

CE marking

The CE marking on this product indicates that the product complies with all applicable directives.

CE

List of countries

AT	B.E.	B.G.	C.Y.	C.Z.	OF	DK	EE	HE	IS	FI	FR	HR	HU
I.E.	ITEM	L.V.	L.T.	LU	M.T.	NL	PL	P.T.	R.O.	HE	YEA	HSK	UK

Note:This device complies with the maximum transmit power limit according to ETSI regulations.

The following will apply to products operating in the 5 GHz frequency range:

Note:This device is only suitable for indoor use operating in the frequency range of 5150 - 5350 MHz in all member states.

Note:Operation in the 5.8 GHz frequency band is prohibited in member states with broadband fixed wireless access. The rest of the countries listed can use the 5.8 GHz frequency band.

WEEE Compliance Statement

Declaration of conformity

Online resources