

# LTU-Lite Quick Start Guide

## Package content



LTU-Lite



wall mount bracket



Screws (qty: 2)



Screw plugs (qty: 2)



Flange



Gigabit PoE (24 Vdc, 0.5 A) with mounting bracket



Power cord

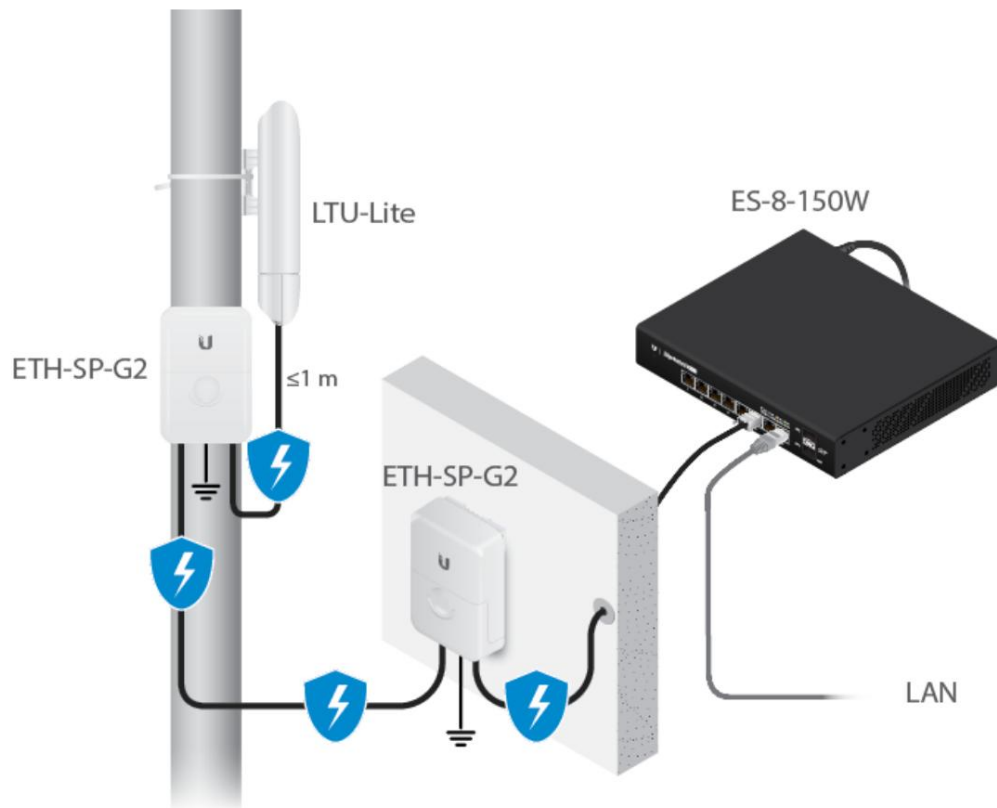
## installation requirements

- PtMP LTU access point (such as the LTU-Rocket model).
- Phillips wall mount screwdriver Category 6
- (or higher) shielded cabling and RJ45 shielded connectors are required for all Ethernet cable connections.

other at the building entry point. The ETH-SP-G2 will absorb surge voltages and safely discharge them to the ground.



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



## Device overview



1 System LEDs	
Blue	Initial power up.
flashing white	Startup in progress.
White	Ready for use.
Alternation between blue and white	Firmware update in progress.
2 Puerto Ethernet	
The 10/100/1000 Ethernet port is used to connect power and must be connected to the LAN and DHCP server.	
3 Reset button	
To restore factory defaults, press and hold the Reset button for more than 10 seconds while the device is powered on.	

## Device installation

1.



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2.



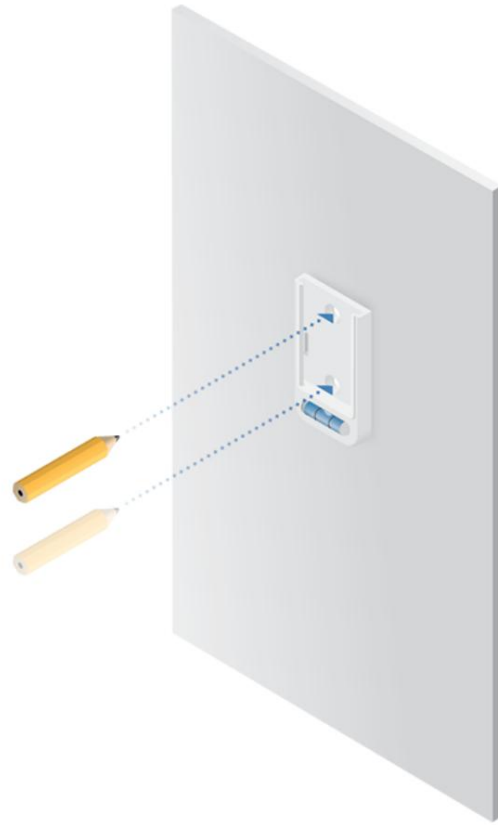
3.





## wall mount

1.

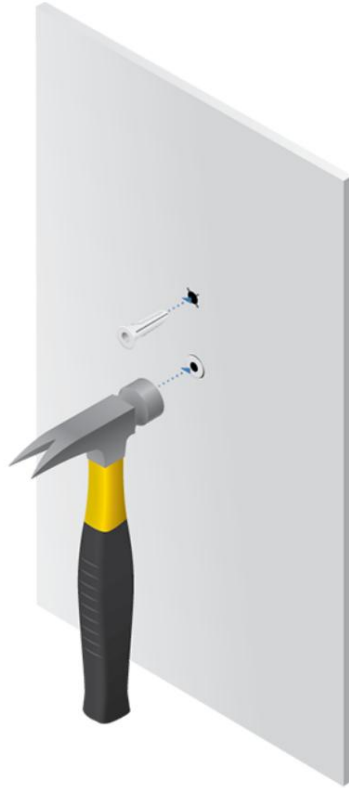


2.



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3.



4.



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5.



## pole mount

1.



2.



3.



## Power connection



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

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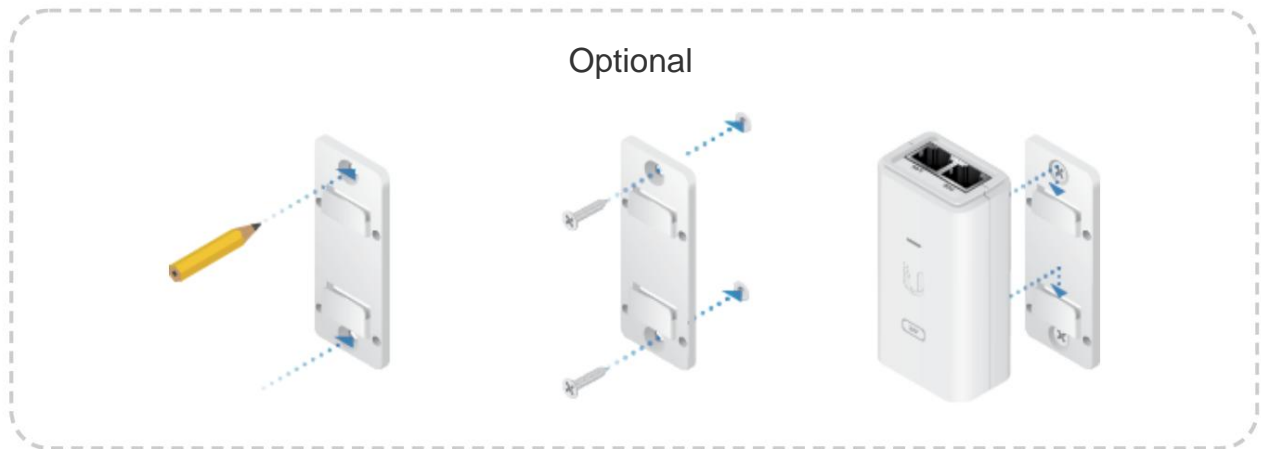




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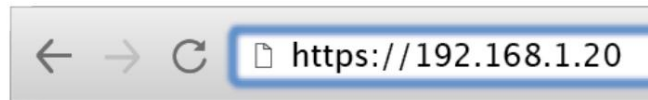


Optional



## 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 on the 192.168.1.x subnet.
3. Launch your web browser and type <https://192.168.1.20> in the address field. Press Intro (PC) or Return (Mac).




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

The LTU configuration interface will open allowing you to customize your settings as needed.

## UNMS Management

You can manage the device through the UNMS, which allows you to configure, monitor, update and back up your devices through a single application. To get started, go to [www.unms.com](http://www.unms.com)

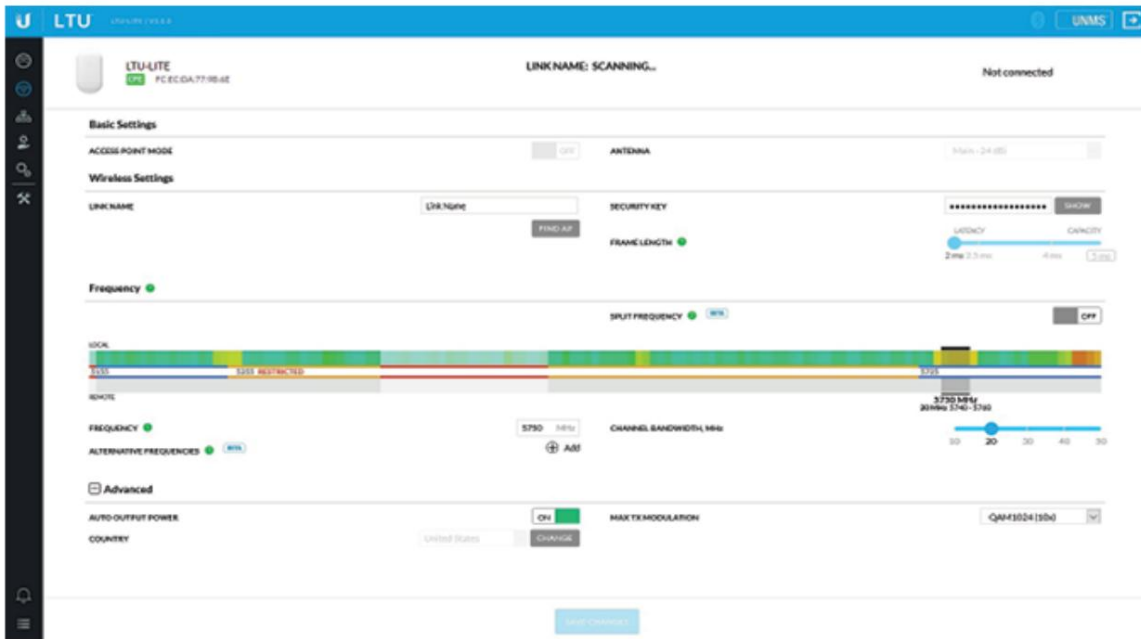
## find my hotspot

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



**Note:** For example, 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 the access point and you will need to change the channel bandwidth of your device.

3. Click Find AP.



- The device will search for nearby access points. Click Select (Select) on the appropriate access point. To scan again, click Scan.

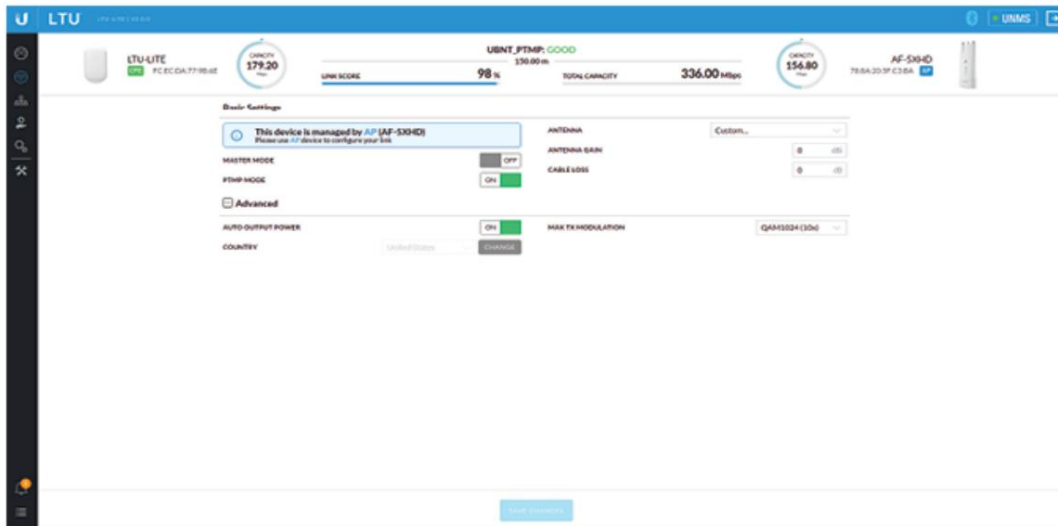
FIND MY AP						
LINK NAME ↑	FREQUENCY	CHANNEL WIDTH	SIGNAL	DL/UL RATIO	FRAME LENGTH	
UBNT-DELAY 78:8A:20:5F:56:C6	5800 Mhz	40 Mhz	 -59 dBm -62 dBm	50% / 50%	2 ms	SELECT
UBNT_PTMP 78:8A:20:5F:BA:E5	5685 Mhz	40 Mhz	 -47 dBm -54 dBm	50% / 50%	2 ms	SELECT
UBNT_PTMP 78:8A:20:5F:C3:BA	5685 Mhz	40 Mhz	 -48 dBm -54 dBm	67% / 33%	2 ms	SELECT
3 Access Points found						SCAN

- Follow the instructions on the screen.

## Installer Compliance Responsibility

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

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The Auto Output Power field assists the professional installer in meeting regulatory requirements.

## Specifications

LTU-Lite	
Dimensions	153 x 84 x 39,5 mm (6.02 x 3.31 x 1.56")
Weight	250 g (8.82 oz)
network interface	(1) puerto Ethernet 10/100/1 000
Material	UV stabilized plastic exterior
maximum power consumption	8.5W
Power supply	24 Vdc, 0.5 A Gigabit PoE adapter (included)
feeding method	2-Pair Passive PoE (Pairs 4, 5+; 7, 8-)
Supported voltage range	22 - 26 Vcc
Revenue	13 dBi
Mounting	pole mount Wall mounting (kit included)
Wind resistance	200 km/h (125 mph)
wind load	20 N @ 200 km/h (4.5 lbf @ 125 mph)
ESD/EMP protection	± 24 kV contact/air
Operating temperature	From -40° C to 60° C (from -40° F to 140° F)

operating humidity	5 to 95% non-condensing
Certifications	CE, FCC, IC

Operating frequency range (MHz)		
All over the world		2 400 - 2 483.5*
		4 800 - 6 200*
EU / CA	U-SO-1	5 150 - 5 250
	U-NII-2A	5 250 - 5 350
	U-NII-2C	5 470 - 5 725
	U-SO-3	5 725 - 5 850
UE		2 400 - 2 483.5
		5 150 - 5 875

<sup>1</sup> *It may vary depending on the surrounding conditions.*

<sup>2</sup> *It depends on the regulations of the region.*

## safety instructions

1. Read, follow and save these instructions.
2. Pay attention to all warnings.
3. Only use the devices or accessories indicated by the manufacturer.



**WARNING:** Hot surface. Do not touch.



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



**WARNING:** This product should not be exposed to liquid dripping or splashing.

## 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 result in malfunction, equipment damage, or fire hazard if limitations are not followed.
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 supply cord having an integral safety ground wire designed to connect to an earth ground

security.

- to. Do not substitute the power cord with one other than the approved type provided.  
Never use an adapter plug to connect to a two-wire outlet, as it will break the continuity of the ground wire.
- b. The equipment requires the use of the ground wire as part of the safety certification. Modification or misuse can create a shock hazard, which could cause serious injury or death.
- c. If you have any questions about the installation, contact an electrician

qualified person or the manufacturer before connecting the equipment.

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

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

## limited warranty

[ui.com/support/warranty](http://ui.com/support/warranty)

Does not apply to Mexico.

## Compliance

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

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 and ICES Canada licence-exempt RSS standard(s). 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. 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 his own expense.

## IMPORTANT NOTE

### Radiation Exposure Statement:

- This equipment complies with radiation exposure limits set forth for an uncontrolled environment.
- This equipment should be installed and used with a minimum distance of 30 cm between the radiator and your body.

- This transmitter must not be co-located or used in conjunction with any other antenna or transmitter.

## Australia and New Zealand



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

## Brazil



Note: This equipment is not entitled to protection against harmful interference and may not cause interference in authorized systems.

## Mexico (NOM-208-SCFI-2016)

For use in Mexico, the operation of this equipment is subject to the following two conditions:

1. this equipment or device may not cause harmful interference, and 2. this equipment or device must accept any interference, including interference that may cause its unwanted operation.

## CE marked

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



list of countries



AT	BE	BG	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU					
IE	IT	LV	LT	LU	MT	NL	PL	PT	RO	SE	SI	SK	UK					

Members with broadband fixed wireless access are highlighted in blue



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

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



Note: This device is only suitable for indoor use when operating in the frequency range of 5 150 - 5 350 MHz in all member states.



Note: All countries listed can operate at 30 dBm. Member states with broadband fixed wireless access can operate at 36 dBm.



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

## WEEE Compliance Statement

## Declaration of conformity

## online resources

