

Item no.: LTU-LITE

LTU-LITE - 5 GHz PtMP LTU Client Radio

101,97 EUR

Item no.: LTU-LITE
shipping weight: 0.30 kg
Manufacturer: Ubiquiti



Product Description

LTU-LITE - 5 GHz PtMP LTU Client Radio

Featuring an integrated antenna, the LTU-Lite is a compact, cost-effective subscriber station utilizing the 5 GHz radio band. It functions as a CPE (Customer Premises Equipment) in a Point-to-MultiPoint (PtMP) environment with the LTU-Rocket as the base station. [Proprietary LTU Technology](#)

Based on 's LTU technology, the LTU-Lite is not impeded by the limitations of standard 802.11 Wi-Fi technology. Its custom LTU silicon and radio architecture provide up to 600+ Mbps of real TCP/IP throughput and modulation rates of up to 4096 QAM. [CPE Modes](#)

The LTU-Lite supports both bridged and built-in hardware NAT router modes to suit your specific deployment. [Frequency Split](#)

The LTU-Lite can use different frequencies for TX and RX to avoid interference. [Convenient Mount Options](#)

The LTU-Lite is designed for quick yet reliable mounting on a pole or on a wall. All necessary mounting hardware is included. [Channel Width Flexibility](#)

Channel width flexibility allows independent TX and RX channel frequency configurations anywhere within the radio band to avoid local interference. Channel width options include:

- 10 MHz
- 20 MHz
- 30 MHz
- 40 MHz
- 50 MHz
- up to 100 MHz

[Auto Power Adjustments](#)

By default, the "Auto Output Power" option allows the LTU-Lite to set the output power (EIRP) to the appropriate level. [Signal Control](#)

The LTU-Lite's TX output power is controlled by the AP's target TX output power. A PtMP network can manage signal levels to enhance network stability and achieve optimal wireless performance with the highest possible modulation. [Convenient Configuration](#)

To manage the LTU-Lite, you have two options: the LTU Configuration Interface and Management System (UNMS(TM)). Either option lets you manually configure the LTU-Lite.

Within the LTU Configuration Interface, you can manually configure the LTU-Lite or manage it from the AP side using the "Find My AP" feature. The LTU-Lite will automatically scan for APs using the same channel bandwidth. Select the appropriate AP and then use it to configure the LTU-Lite.

- Dimensions: 153 x 84 x 39.5 mm
- Weight: 250 g
- Networking interface: (1) 10/100/1000 Ethernet port
- Enclosure: Outdoor UV stabilized plastic
- Max. power consumption: 8.5 W
- Power supply: 24 V, 0.5 A Gigabit PoE adapter (included)
- Power method: 24 V passive PoE (pairs 4, 5+; 7, 8-)
- Voltage range: 22 - 26 V
- Max. conducted TX power: 22 dBm per chain
- Gain: 13 dBi
- Cross-pol isolation: 20 dB minimum
- Max. VSWR: 1.8:1
- Beamwidth: 45° (H-pol)/45° (V-pol)/45° (elevation)
- Polarization: Dual linear
- Mounting: Pole mount/wall mount (kit included)
- Wind loading: 20 N (at) 200 km/h (4.5 lbf (at) 125 mph)
- Wind survivability: 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

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability

