

Item no.: LTU-PRO

LTU-PRO - 5 GHz PtMP LTU Client Radio with Advanced RF Performance

160,98 EUR

Item no.: LTU-PRO
shipping weight: 1.30 kg
Manufacturer: Ubiquiti



Product Description

LTU-PRO, 5GHz PtMP LTU Client Radio with Advanced RF Performance

Featuring an integrated 24 dBi dish antenna, the LTU Pro is a 5 GHz subscriber station that 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-Pro is not impeded by the limitations of standard 802.11 WiFi technology. Its custom LTU silicon and radio architecture provide up to 600+ Mbps of real TCP/IP throughput and modulation rates of up to 4096QAM. [CPE Modes](#)

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

The LTU-Pro can use different frequencies for TX and RX to avoid interference. [Robust Pole Mount Design](#)

The LTU-Pro is designed for quick yet reliable mounting on a pole. It features a built-in mechanical tilt; the mounting bracket allows convenient adjustments to the elevation with a range of +/- 15°. [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 the following:

- 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-Pro to set the output power (EIRP) to the appropriate level. [Signal Control](#)

The LTU-Pro'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-Pro, you have two options: the LTU Configuration Interface and Management System (UNMS(TM)). Either option lets you manually configure the LTU-Pro. Within the LTU Configuration Interface, you can manually configure the LTU-Pro or manage it from the AP side using the "Find My AP" feature. The LTU-Pro will automatically scan for APs using the same channel bandwidth. Select the appropriate AP and then use it to configure the LTU-Pro. [Integrated GPS](#)

Built-in GPS improves synchronization and allows map and Fresnel views on the dashboard.

- Dimensions: 316.5 x 316.5 x 174.3 mm
- Weight: 1.3 kg
- Networking interface: (1) 10/100/1000 Ethernet port
- Enclosure: Outdoor UV stabilized plastic
- Max. power consumption: 9 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: 24 dBi
- Beamwidth: 14°
- Sidelobe level: -10 dB
- Front-to-back ratio: 27 dB
- Mounting: Pole mount (kit included)
- Wind loading: 150 N (at) 200 km/h (33.72 lbf (at) 125 mph)
- Wind survivability: 200 km/h (125 mph)
- ESD/EMP protection: +/- 24 kV contact/air
- Operating temperature: -5°C to 40°C (23°F to 104°F)
- Operating humidity: 10 - 90% non-condensing
- Certifications: CE, FCC, IC

Specifications

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

