

Tech Specs

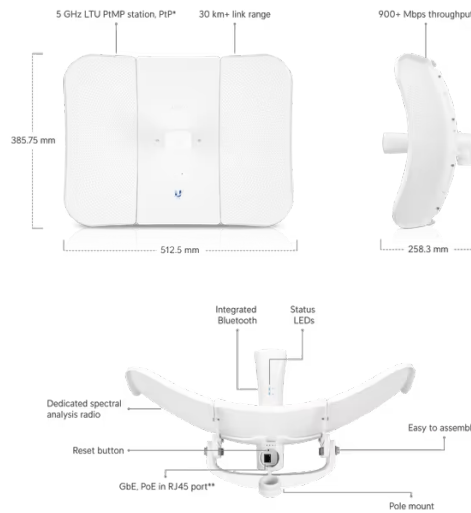
UniFi **UISP** Branding

60 GHz Wireless Wireless Fiber Wired Accessory Tech

Wireless > [LTU Long-Range](#)

Datasheet

Marketing Images



*Supports PtP mode from 1.5.1 and later 1.5.x series. Compatible with LTU devices.
**24V DC, 0.5A GbE PoE adapter included.

Mechanical

| | |
|---------------------------|---|
| Dimensions | 512.5 x 385.75 x 258.3 mm (20.18 x 15.19 x 10.17") |
| Weight | Without mount: 1.36 kg (3 lb) With mount: 1.74 kg (3.8 lb) |
| Enclosure material | UV-stabilized polycarbonate |
| Mounting | Pole mount (Kit included) |
| Wind loading | 550 N at 200 km/h (123.6 lbf at 125 mph) |
| Wind survivability | 200 km/h (125 mph) |

Hardware

| | |
|--------------------------------|--|
| Networking interface | (1) GbE RJ45 port |
| Power method | 24V Passive PoE (Pairs 4, 5+; 7, 8-) |
| Power supply | 24V, 0.5A Gigabit PoE adapter (Included) |
| Supported voltage range | 22—26V DC |
| Max. power consumption | 8.5W |
| ESD/EMP protection | Air/contact: ± 24kV |
| Operating temperature | -40 to 60° C (-40 to 140° F) |
| Operating humidity | 5 to 95% noncondensing |
| Certifications | CE, FCC, IC |

Software

| | |
|--------------------------------------|---|
| Modes | PtMP CPE, PtP* <small>*1.5.1 and later 1.5.x series firmware.</small> |
| Services | SNMP, SSH, dynamic DNS, webserver, remote log, ping watchdog |
| Utilities | airView®, speed test, alignment, discovery, ping, traceroute, cable test, constellation |
| Auto distance adjustment | Yes |
| Auto power adjustment | Yes |
| Network | Bridge/Router* mode <small>*Router mode is available in PtMP CPE mode only.</small> |
| Security | Yes |
| Statical reporting | Yes |
| Management interface | Bluetooth management for easy setup over UISP App WEB UI |
| Minimum software requirements | Any modern web browser iOS™ or Android™ based smartphone |

System

| | |
|------------------------------|---|
| Maximum throughput | 900+ Mbps* <small>*FW version 2.3.0 and later.</small> |
| Encryption | WPA2-PSK (AES) |
| Uplink/downlink ratio | 25/75, 33/67, 50/50 |

RF

| | |
|--------------------------------|--|
| Operating frequency* | |
| US/CA | |
| U-NII-1 | 5150 - 5250 MHz |
| U-NII-2A | 5250 - 5350 MHz |
| U-NII-2C | 5470 - 5725 MHz |
| U-NII-3 | 5725 - 5850 MHz |
| Worldwide | 4800 - 6200 MHz <small>*Depends on regulatory region.</small> |
| Management Radio | |
| Worldwide | 2400 - 2483.5 MHz |
| Max. conducted TX power | 22 dBm (per chain) |
| Channel bandwidth | 10/20/30/40/50/60/80/100 MHz* <small>*FW version 2.3.0 and later.</small> |
| Antenna gain | 26 dBi |

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