Tech Specs

UniFi   UISP   Branding

60 GHz Wireless   Wireless   Fiber   Wired   Accessory Tech

Wireless > LTU Lite

Datasheet | Marketing Images

900+ Mbps throughput
5 GHz LTU PtMP station, PtP*
10+ km link range
Integrated Bluetooth
Dedicated spectral analysis radio
153 mm
84 mm

Power LED   Reset button
39.5 mm
GbE, PoE in RJ45 port**
Pole and wall mount

*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	153 x 84 x 39.5 mm (6.02 x 3.31 x 1.56")
Weight	250 g (8.82 oz)
Enclosure material	UV-stabilized polycarbonate
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)

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* *1.5.1 and later 1.5.x series firmware.
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 *Router mode is available in PtMP CPE mode only.
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* *FW version 2.3.0 and later.
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
EU	2400 - 2483.5 MHz 5150 - 5875 MHz
Worldwide	2400 - 2483.5 MHz 4800 - 6200 MHz *Depends on regulatory region.
Max. conducted TX power	22 dBm (per chain)
Channel bandwidth	10/20/30/40/50/60/80/100 MHz* *FW version 2.3.0 and later.
Antenna gain	13 dBi
Cross-pol isolation	20 dB
Beamwidth	HPOL/VPOL/elevation: 45°
Polarization	Dual linear

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