

LTU Extreme-Range



Mechanical

Dimensions	747 x 525 x 347 mm (29.4 x 20.7 x 13.7")
Weight	3.2 kg (7.1 lb)
Enclosure materials	Aluminum alloy, UV-stabilized polycarbonate
Mount material	UV-stabilized polycarbonate
Mount	Integrated pole mount (included) Pole compatibility: Ø35-60 mm (Ø1.38-2.36")
Wind loading	1100 N at 200 km/h (247.29 lbf at 125 mph)
Weatherproofing	IPX6

Hardware

Networking interfaces	(1) GbE RJ45 port
Power method	Passive PoE 2-pair (4, 5+; 7, 8-)
Power supply	24V DC, 0.5A Gigabit PoE adapter (Included)
Supported voltage range	22–26V DC
Max. power consumption	8.5W
RF connections	Internal
LEDs	Power/Ethernet
Button	Factory reset
Operating temperature	-40 to 55° C (-40 to 131° F)
Operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

Software

Modes	PtMP CPE, PtP* <small>*15.1 and later 15x 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
Statcal reporting	Yes
Management interface	Bluetooth management for easy setup over UIISP 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*	5.15 to 5.95 GHz <small>*Depends on regulatory region.</small>
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	29 dBi
Isolation	20 dB
Beamwidth	HPOL: 3 dB: 5.5°, 6 dB: 7.5° VPOL: 3 dB: 5.5°, 6 dB: 7.5° Elevation: 3 dB: 5.5°, 6 dB: 7.5°
Electrical downtilt	0°

