

LTU Professional



Mechanical

Dimensions	Ø317 x 174 mm (Ø12.5 x 6.9")
Weight	1.3 kg (2.87 lb)
Enclosure material	Outdoor UV-stabilized polycarbonate
Mount material	Metal
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)

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	9W
ESD/EMP protection	Air/contact: ± 24kV
RF connections	Internal
Button	Factory reset
Operating temperature	-40 to 60° C (-40 to 140° F)
Operating humidity	10 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
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
	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* <small>*FW version 2.3.0 and later.</small>
Antenna gain	24 dBi
Beamwidth	14°
Sidelobe level	-10 dBi
Front-to-back ratio	27 dBi

