

LTU Long-Range



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 (2.9 lb) With mount: 1.74 kg (3.8 lb)
Enclosure material	Outdoor UV-stabilized polycarbonate
Mount materials	Polycarbonate, metal
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
Max. power consumption	8.5W
ESD/EMP protection	Air/contact: $\pm 24\text{kV}$
Button	Factory reset
Operating temperature	-40 to 60° C (-40 to 140° F)
Operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

Software

Modes	PtMP CPE, PtP <small>*1.5.1 and later 1.5x 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
Power adjustment	Yes
Network	Bridge/Router* mode <small>*Router mode is available in PtMP CPE mode only.</small>
Security	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>
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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	

*Depends on regulatory region.

Management radio	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 2.30 and later.</small>
Antenna gain	26 dBi



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty

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