

LTU Instant



Mechanical

Dimensions	Feed: 201.46 x 64.15 x 56.15 mm (7.93 x 2.53 x 2.21") Antenna: 358 x 271.95 x 288.5 mm (14.09 x 10.71x 11.36")
Weight	Feed: 215 g (7.58 oz) Antenna: 890 g (1.96 lb) Antenna with mount: 1.07 kg (2.36 lb)
Enclosure material	UV-stabilized polycarbonate
Wind loading	275 N at 200 km/h (61.8 lbf at 125 mph)
Weatherproofing	IPX6

Hardware

Networking interface	(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
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>*15.1 and later 15.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 2.30 and later.</small>
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Encryption	WPA2-PSK (AES)
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Uplink/downlink ratio	25/75, 33/67, 50/50
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RF

Operating frequency*	5.15 to 5.95 GHz <small>*Dependent on regional regulations.</small>
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Max. conducted TX power	22 dBm (per chain)
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Channel bandwidth	10/20/30/40/50/60/80/100 MHz* <small>*FW version 2.3.0 and later.</small>
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Antenna gain	22 dBi
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Isolation	20 dB
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