Tech Specs

60 GHz Wireless   Wireless   Fiber   Wired   Accessory Tech

Datasheet	Marketing Images

GPS antenna connector
RP-SMA antenna connectors
900+ Mbps throughput*
PtMP BaseStation radio**
Integrated 5 GHz advanced filtering performance
Satus LEDs
GPS sync
Dedicated spectral analysis radio

Reset button
100+ client capacity
Secondary PoE in RJ45 port
GbE, PoE in RJ45 port***

224 mm
82 mm
48 mm
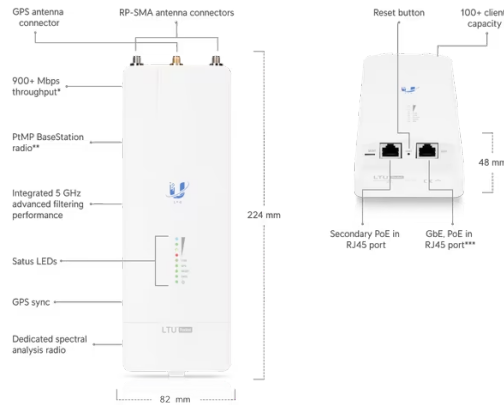
*FW version 2.3.0 and later.
**Compatible with LTU devices.
***24V DC, 1A GbE PoE adapter included.

Mechanical

Dimensions	224 x 82 x 48mm (8.82 x 3.23 x 1.89")
Weight	468 g (1.03 lb)
Enclosure materials	Diecast aluminum, polycarbonate
Mount materials	Metal, polycarbonate
Mounting	Integrated pole mount (Kit included) GPS pole mount (Kit included) Rocket mount compatible
Weatherproofing	IP67

Hardware

Networking interface	(2) GbE RJ45 ports
Power method	Dual passive PoE
Power supply	24V, 1A PoE Gigabit adapter (Included)
Supported voltage range	18—54V DC
Max. power consumption	25W
RF connections	(2) RP-SMA weatherproof (CH0, CH1) (1) SMA weatherproof (GPS)
GPS	Yes
GPS antenna	External magnetic base
Button	Factory reset
Operating temperature	-40° to 55° C (-40° to 131° F)
Certifications	FCC

Software

Mode	PtMP BaseStation radio
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
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.
Packets per second	2+ million
Supported clients count	100+
Maximum range	100+ km* * Throughput and range values may vary depending on the environmental conditions.
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.
Max. conducted TX power	29 dBm
Channel bandwidth	10/20/30/40/50/60/80/100 MHz* selectable Programmable uplink and downlink duty cycles *FW version 2.3.0 and later.
Management radio	2400 - 2483.5 MHz

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