

UniFi **UISP** Branding

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60 GHz Wireless

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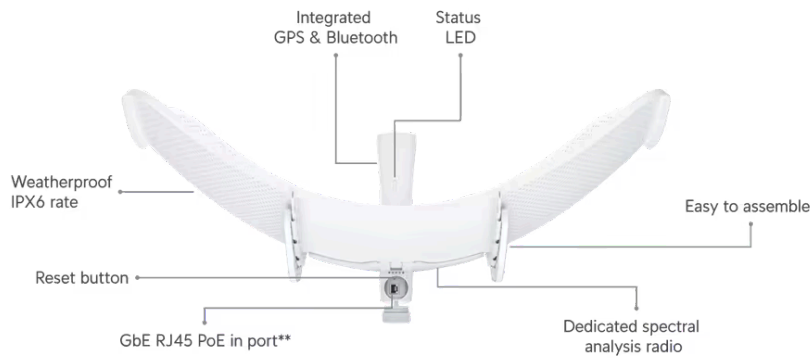
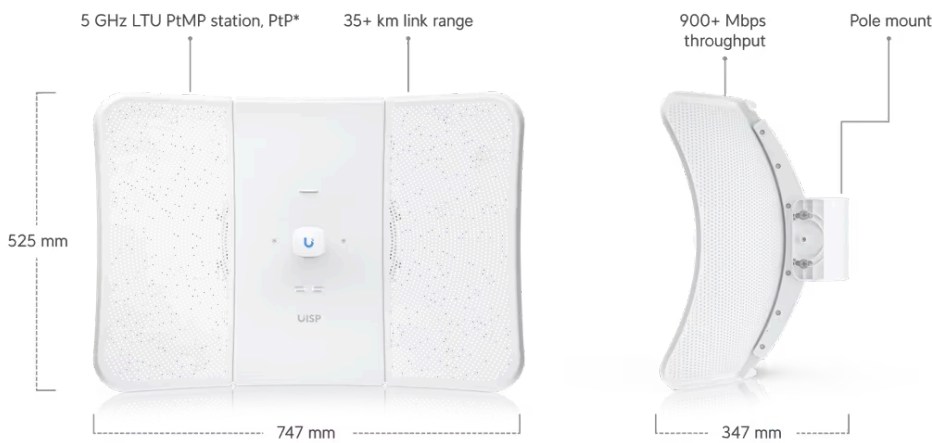
Accessory Tech

LTU 5 GHz > [LTU Extreme-Range](#)

Datasheet

Marketing Images

Installation Guide



*Supports PtP mode from 1.5.1 and later 1.5.x series. Compatible with LTU devices.

**24V DC, 0.5A GbE PoE adapter included.

Mechanical

Dimensions 747 x 525 x 347 mm (29.4 x 20.7 x 13.7")

Weight 3.2 kg (7.1 lb)

Enclosure material	Aluminum alloy, UV-stabilized polycarbonate
Mount material	UV-stabilized polycarbonate
Mount	Integrated pole mount (included) Pole compatibility: Ø35 to 60 mm (Ø1.4 to 2.4")
Wind loading	1100 N at 200 km/h (247.29 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, 0.5A gigabit PoE adapter (Included)
Supported voltage range	22—27V DC
Max. power consumption	9W
RF connections	Internal
LEDs	Power/Ethernet
Button	Factory reset
Ambient operating temperature	-40 to 55° C (-40 to 131° F)
Ambient operating humidity	5 to 95% non-condensing
Certifications	FCC, IC, CE

Software

Modes	PtMP CPE, PtP* *1.5.1 and later 1.5.x series firmware.
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 *Router mode is available in PtMP CPE mode only.

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.
Encryption	WPA2-PSK (AES)
Uplink/downlink ratio	25/75, 33/67, 50/50

RF

Operating frequency*	5.15 to 5.95 GHz *Depends on regulatory region.
Max. conducted TX power	25 dBm
Channel bandwidth	10/20/30/40/50/60/80/100 MHz* *FW version 2.3.0 and later.
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°

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