Tech Specs

60 GHz Wireless   Wireless   Fiber   Wired   Accessory Tech

Datasheet	Marketing Images	Installation Guide

60 GHz PtP bridge*   1.5 km link range   137 mm   Ø155 mm   Integrated GPS & Bluetooth

Pole mount   Spirit level   1.5+ Gbps throughput   GbE, PoE in RJ45 port*

*GigaBeam is normally purchased in pairs to form a single link.
**24V DC, 0.5A GbE PoE adapter included.

Mechanical

Dimensions   Ø155 x 137 mm (Ø6.1 x 5.4")

Weight   1 kg (2.2 lb)

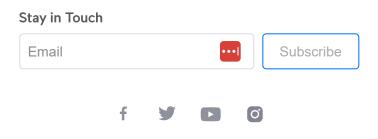|	
Enclosure material	UV-resistant polycarbonate, stainless steel
Mount material	Metal
Wind loading	50 N at 200 km/h (11.24 lbf at 125 mph)

Hardware

Processor	Quad-Core ARM® Cortex® A7
Memory	256 MB DDR3
Networking interface	(1) GbE RJ45 port
RF connections	Internal
Max. power consumption	11W
Power method	Passive PoE 2-pairs (4, 5+; 7, 8-)
Power supply	24V DC, 0.5A gigabit PoE adapter (Included)
Supported voltage range	22—27V DC
ESD/EMP protection	Air/contact: ± 24kV
Ambient operating temperature	-40 to 60° C (-40 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

Software

Operating modes	PtP master or station
Ubiquiti specific features	Integrated 60 GHz radio, discovery protocol
Security	WPA2 AES only
Services	UISP, ping watchdog, web server, SSH server, NTP client, system log, device discovery
Tools	Antenna alignment, discovery utility, traceroute, speed test
Management interface	UISP application (web/mobile)

Minimum software requirements	Any modern web browser/iOS™ or Android™ based smartphone

RF

Operating frequency*	57,000 - 66,000 MHz
	* Dependent on regional regulations.
Channel bandwidth	2160 MHz
Operating channels	58320, 60480, 62640, 64800 MHz
Beamwidth*	Azimuth: 2° (-3 dB) / 3° (-6 dB)
	Elevation: 2° (-3 dB) / 3° (-6 dB)
	*The antenna is only vertically polarized.
Bluetooth	2400 - 2483.5 MHz
Electrical downtilt	0°

LEDs

Power	Flashing white: booting up
	White: not connected to UISP
	Blue: connected to UISP
Ethernet	Flashing blue: Ethernet traffic detected
60GHz	Blue: connected

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