LiteBeam AX

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Mechanical

Dimensions	358 x 272 x 272.5 mm (14.1 x 10.7 x 10.7")
Weight	Without mount: 800 g (1.76 lb) With mount: 980 g (2.16 lb)
Enclosure materials	Aluminum alloy, UV stabilized plastic
Mount	Ø35 to 60 mm (Ø1.38 to 2.36")
Wind loading	275 N at 200 km/h (61.8 lbf at 125 mph)
Weatherproofing	IPX6

Hardware

Processor	Dual-core ARM® Cortex®-53 at 1GHz
Memory	DDR3L 256 MB
Networking interface	(1) GbE RJ45 port
Button	Factory reset
LEDs	Power/Ethernet
RF connections	Internal
Power method	Passive PoE 2-pair (4, 5+; 7, 8 return)
Max. power consumption	7.5W
Supported voltage range	22 to 26VDC
Operating temperature	-40 to 70° C (-40 to 158° F)
Operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

Software

OS	airOS®
Encryption	WPA2-PSK (AES)
Services	SSH, dynamic DNS, remote log, ping watchdog
Utilities	Speed test, alignment, discovery, ping, traceroute
Management interface	Bluetooth management for easy setup over UISP Mobile app WEB UI
Minimum software requirements	Modern Web browser or Android™/iOS™ smartphone

RF

Operating frequency*	5.15 to 5.85 GHz *Dependent on regional regulations.		
Frequency range	US/CA	U-NII-1	5,150 - 5,250 MHz
		U-NII-3	5,725 - 5,850 MHz
	Worldwide		5,180 - 5,875 MHz
Channel bandwidth	20/40/80/160 MHz		

Max. conducted TX power	25 dBm
Antenna gain	23 dBi
Isolation	20 dBi
Beamwidth	3 dB: 8 to 12° 6 dB: 11 to 16°
Electrical downtilt	0°

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