



airMAX LiteBeam AC 5 GHz CPE



Ultra-lightweight, outdoor, wireless CPE designed to create extremely long-distance links.

The airMAX® LiteBeam® AC 5 GHz CPE (LBE-5AC-XR) is designed to sustain high-speed connections over very long distances, allowing you to serve more subscribers with just a single device. The LBE-5AC-XR also features a proprietary, high-gain antenna capable of delivering 450+ Mbps throughput over the 5 GHz frequency range.

Mechanical

Dimensions	747 x 525 x 347 mm (29.41 x 20.67 x 13.66")
Weight	3.2 kg (7.06 lb)
Enclosure materials	Aluminum alloy, UV stabilized polycarbonate
Mount material	UV stabilized polycarbonate
Mount	Integrated pole mount (included) Pole compatibility: Ø35-60 mm (Ø1.38-2.36")
Wind loading	1100 N at 200 km/h (247.29 lbf at 125 mph)
Weatherproofing	IPX6

Hardware

Networking interfaces	(1) GbE RJ45 port
Button	Factory reset
LEDs	Power/ethernet
RF connections	Internal
Max. power consumption	7W
Power method	Passive PoE 2-pair (4, 5+; 7, 8-)
Power supply	24VDC, 0.5A Gigabit PoE adapter (included)
Supported voltage range	22-26VDC
Operating temperature	-40 to 70° C (-40 to 158° F)
Operating humidity	5 to 95% non-condensing
Certifications	FCC, IC, CE

System

Maximum throughput	450+ Mbps
Encryption	WPA2-PSK (AES)

Software

OS	airOS®
Modes	PtMP, PtP
Services	SNMP, SSH, dynamic DNS, webserver, remote log, ping watchdog
Utilities	airView®, speed test, alignment, discovery, ping, traceroute, constellation



Management interface	Dedicated management radio for quick device setup via the UISP™ Mobile app WEB UI
Minimum software requirements	Modern Web browser or Android/iOS smartphone

RF

Operating frequency*	5.15 to 5.85 GHz <small>*Depends on regulatory region.</small>
Max. conducted TX power	25 dBm
Management radio	2400 - 2483.5 MHz
Channel bandwidth	10/20/30/40/50/60/80 MHz
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°

