Building Bridge

SL-UBB

WIRELESS ACCESS POINT

60 GHz wireless point-to-point bridge with a 5 GHz backup radio.









Available as: SL-UBB-Single-US, SL-UBB-US

OVERVIEW

Dimensions	⌀140 × 90 mm (⌀5.5 × 3.5")
WiFi Standard	WiFi 5
Spatial Streams	2
Coverage Area	500 m (1,640 ft)
Mounting Locations	Wall, pole
Weatherproofing	IPX6
Power Method	PoE *Supports passive 48V*

PERFORMANCE

MIMO	
5 GHz	2 × 2 (DL MU-MIMO)
Max. Data Rate	

60 GHz	1.7 Gbps
5 GHz	866.6 Mbps (BW80)
Antenna Gain	
60 GHz	17.2 dBi
5 GHz	10 dBi
2.4 GHz	2 dBi (BLE)
Max. TX Power	
60 GHz	19 dBm
5 GHz	25 dBm
Supported Data Rates	
802.11ac (WiFi 5)	6.5 Mbps to 867 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)
802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)
802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
Wireless Security	WPA2 AES

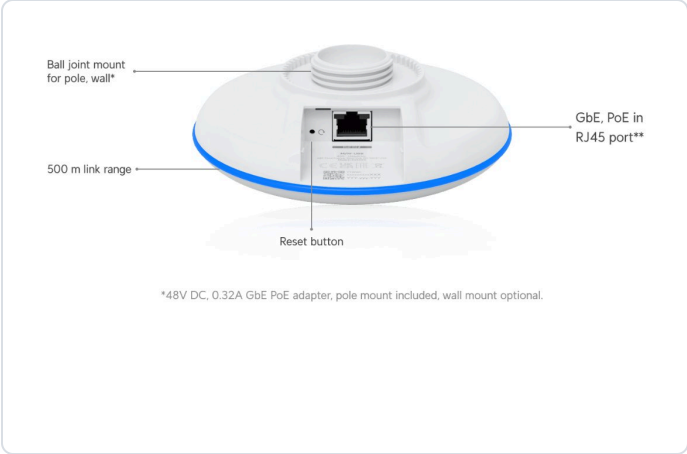
HARDWARE

Max. Power Consumption	11W
Includes PoE Adapter	✓ Yes
Supported Voltage Range	44–57V DC
Networking Interface	(1) GbE RJ45 port
Weight	376 g (13.3 oz)
Operating Modes	PtP
Wind Loading	56 N at 200 km/h (12.6 lbf at 125 mph)
Management	Ethernet Bluetooth
Channel Bandwidth	Main radio (60 GHz): 1,080/2,160 MHz Backup radio (5 GHz): HT 20/40 MHz, VHT 20/40/80 MHz
Enclosure Material	UV-resistant polycarbonate
Button	(1) Factory reset
LEDs	
System	R/G/B

Operating Frequency	Main radio (60 GHz): 57 - 66 GHz Backup radio (5 GHz): 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 5150 - 5850 MHz *For worldwide, it depends on the regulatory region*
Bluetooth (MHz)	Worldwide: 2400 - 2483.5 MHz
Ambient Operating Temperature	-40 to 70° C (-40 to 158° F)
Ambient Operating Humidity	5 to 95% noncondensing
NDAA Compliant	✓ Yes
Certifications	CE, FCC, IC

PRODUCT DRAWINGS





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