Building Bridge XG

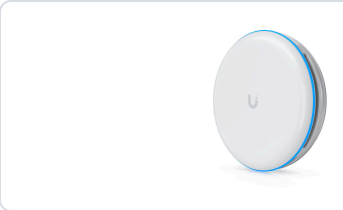
SL-UBB-XG

WIRELESS ACCESS POINT

60 GHz wireless point-to-point bridge with a 10G SFP+ uplink for maximum performance and a 5 GHz backup radio.









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

OVERVIEW

Dimensions	ø191.8 × 59 mm (ø7.6 × 2.3")
WiFi Standard	WiFi 5
Spatial Streams	2
Coverage Area	500 m (1,640 ft)
Mounting Locations	Wall, pole
Weatherproofing	IPX6
Power Method	PoE++ Passive PoE *Passive PoE: 4-pairs (1, 2+; 3, 6-) (4, 5+; 7, 8-) 2-pairs (4, 5+; 7, 8-)*

PERFORMANCE

MIMO	
5 GHz	2 × 2 (DL MU-MIMO)

Max. Data Rate	
60 GHz	6 Gbps
5 GHz	866.6 Mbps (BW80)
Antenna Gain	
60 GHz	21 dBi
5 GHz	14 dBi
2.4 GHz	2 dBi (BLE)
Max. TX Power	
60 GHz	16 dBm
5 GHz	23 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	29W
Includes PoE Adapter	✓ Yes
Supported Voltage Range	48V DC ± 10%
Networking Interface	(1) GbE RJ45 port (1) 1/10G SFP+ port
Weight	Device: 1.7 kg (3.8 lb) With mount: 2.9 kg (6.3 lb)
Operating Modes	PtP
Wind Loading	56 N at 200 km/h (12.6 lbf at 125 mph)
Pole Mount Diameter	1–2.5" (25–63.5 mm)
Management	Ethernet Bluetooth
Channel Bandwidth	Main radio (60 GHz): 2160/4320 MHz Backup radio (5 GHz): VHT 20/40/80 MHz
Enclosure Material	Aluminum alloy, UV-resistant polycarbonate
Mount Material	Stainless steel
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 55° C (-40 to 131° F)
Ambient Operating Humidity	5 to 95% noncondensing
NDAA Compliant	✓ Yes
Certifications	CE, FCC, IC, Terragraph

PRODUCT DRAWINGS





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