

Building-to-Building Bridge XG



Mechanical

Dimensions	Ø191.77 x 58.95 mm (Ø7.56 x 2.32")
Weight	Without mount: 1.7 kg (3.75 lb) With mount: 2.85 kg (6.28 lb)
Enclosure materials	Aluminum alloy, UV-resistant polycarbonate
Mount material	Stainless steel
Mounting	60G precision alignment pole mount (included) Pole compatibility: Ø25.4-63.5 mm (Ø1-2.5")
Weatherproofing	IPX6

Hardware

Management interface	Ethernet Bluetooth				
Networking interface	(1) GbE RJ45 port (1) 1/10G SFP+ port				
Button	Factory-reset				
LED	R/G/B				
Power method	PoE++ Passive PoE [4-pairs (1, 2+; 3, 6-) (4, 5+; 7, 8-) or 2-pairs (4, 5+; 7, 8-)]				
Power supply	UniFi PoE switch 48V, 0.65A Gigabit PoE adapter (included)				
Supported voltage range	48VDC ± 10%				
Max. power consumption	31.2W				
Throughput rate	<table border="1"> <tr> <td>5 GHz</td> <td>866.6 Mbps</td> </tr> <tr> <td>60 GHz</td> <td>6.6 Gbps</td> </tr> </table>	5 GHz	866.6 Mbps	60 GHz	6.6 Gbps
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60 GHz	6.6 Gbps				
Maximum range	500+ m (1,640+ ft)				
Operating temperature	-40 to 55° C (-40 to 131° F)				
Operating humidity	5 - 95% noncondensing				
Certifications	FCC, IC, CE, terragraph				

Software

WiFi standards	802.11ad/ay 802.11ac (WiFi 5)
Wireless security	WPA2 AES (Always On)
Operating modes	PtP
VLAN	Management VLAN only

RF

Operating frequency*	57 to 66 GHz <small>*Dependent on regional regulations.</small>
Channel bandwidth	2,160/4,320 MHz (Channel Bonding Enabled)
Operating channels*	58,320/59,400/60,480/61,560/62,640/63,720/64,800 MHz <small>*Dependent on regional regulations.</small>

Backup RF

Operating frequency*	US/CA	U-NII-1	5,150 - 5,250 MHz
		U-NII-2A	5,250 - 5,350 MHz
		U-NII-2C	5,470 - 5,725 MHz
		U-NII-3	5,725 - 5,850 MHz
	Worldwide		5,150 - 5,725 MHz
<small>*Dependent on regional regulations.</small>			
Channel bandwidth	20/40/80 MHz		

