

Building-to-Building Bridge XG



Mechanical

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|---------------------|--|
| 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 Gbps</td> </tr> </table> | 5 GHz | 866.6 Mbps | 60 GHz | 6 Gbps |
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| 60 GHz | 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

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|-------------------|----------------------------------|
| 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 | | |

