

Item no.: AF60-XR

## AF60-XR-EU - AF60-XR bridge

from **1.080,93 EUR**

Item no.: AF60-XR  
shipping weight: 15.00 kg  
Manufacturer: Ubiquiti



### Product Description

Multi-gigabit, 60 GHz bridge designed to create long-distance links and deliver 5.4 Gbps total throughput (2.7 Gbps duplex) over them. It's also equipped with a 5 GHz backup radio for operational redundancy, as well as a Bluetooth radio to simplify setup via the UISP® Mobile app.

- 5 GHz backup radio
- Link range: 15+ km
- (1) 10G SFP+ port
- Integrated GPS
- Link planning support via the ISP Design Center

#### Mechanical

- Dimensions 779 x 664 x 383 mm (30.7 x 26.1 x 15.1")
- Weight Without mount: 8.6 kg (19 lb)
- With mount: 13 kg (28.7 lb)
- Enclosure materials UV stabilized polycarbonate, steel
- Mount material Galvanized steel
- Mounting Precision alignment kit (included)
- Pole compatibility: Ø40 to 80 mm (Ø1.5 to 3.15") on pipe outer diameter
- Wind loading 422 N at 200 km/h (94.86 lbf at 125 mph)
- Weatherproofing IPX6

#### Hardware

- Processor Quad-core ARM® Cortex®-A53 at 1.4 GHz
- Memory DDR3L1 GB
- Networking interface (1) GbE RJ45 port
- (1) 1/10G SFP+port
- Max. power consumption 24W
- Power method Passive PoE 4-pairs (1, 2+; 3, 6-) (4, 5+; 7, 8-) or 2-pairs (4, 5+; 7, 8-)
- Power supply 48VDC, 0.65A gigabit PoE adapter (included)
- RF connections Internal
- Button Factory reset
- LEDs Power, Ethernet, GPS, link
- Operating temperature -40 to 55° C (-40 to 131° F)
- Operating humidity 5 to 95% noncondensing
- Certifications FCC, IC, CE

#### Software

- OS airOS®
- Operating mode PtP only
- Ubiquiti specific features Integrated 60 GHz radio, discovery protocol, Wave technology
- Services UISP, ping watchdog, NTP client, device discovery
- Tools Antenna alignment, discovery utility, ping, trace route, speed test
- Network Bridge mode
- Software management Bluetooth management for easy setup over UISP app
- WEB UI
- Minimum software requirements Any modern web browser/iOS™ or Android™ based smartphone

#### System

- Maximum throughput 2.5+ Gbps
- Maximum range 15+ km
- Encryption WPA2-PSK (AES)

#### RF

- Operating frequency\* 57 to 71 GHz. Depends on regulatory region.
- Channel bandwidth 2160, 1080 MHz
- Operating channels 58320, 59400, 60480, 61560, 62640, 63720, 64800, 65880, 66960, 68040, 69120 MHz. Depends on regulatory region.
- Modulation 16QAM, BPSK, QPSK
- Beamwidth Azimuth:  $\pm 1^\circ$
- Elevation:  $\pm 1^\circ$
- Management radio 2400 - 2483.5 MHz
- Electrical downtilt 0°
- Back-Up RF
- Operating frequency\*
- US/CA

#### Worldwide

- U-NII-1 5150 - 5250 Mhz
- U-NII-3 5725 - 5850 Mhz
- 5150 - 5875 MHz Depends on regulatory region.

## Specifications

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prices and availability

