

UBAF-AF60-XG

Ubiquiti AirFiber Multi-Gigabit 60 GHz bridge with SFP+ support & 5 GHz backup radio

Product Overview

Ubiquiti AF60-XG airFiber Multi-Gigabit 60 GHz Bridge with SFP+ support & 5 GHz Backup Radio, 1x GbE RJ45 Port, 1x 1/10G SFP+ Port, 866.6 Mbps @ 5 GHz, 3.8 Gbps / 6 Gbps @ 60 GHz, 4 km Maximum range



Specifications

Overview:

UISP airFiber 60 XG

SKU: AF60-XG-EU

4+ km, multi-gigabit, 60 GHz bridge with SFP+ support.

The airFiber 60 XG (AF60 XG) is a 60 GHz point-to-point (PtP) bridge with a built-in, 5 GHz backup radio. The AF60 XG delivers low-interference, low-latency throughput, making it an ideal component for carrier backhaul. It also features integrated GPS and a Bluetooth management radio to simplify setup and configuration.

Features:

- Low-interference, 60 GHz spectrum
- High-gain dish antenna
- 5 GHz backup radio
- 4+ km link range
- Supports channel bonding to achieve up to a 6 Gbps throughput rate
- Terragraph-certified
- 10G SFP+ port
- Integrated GPS
- Link planning support via ispdesign.ui.com
- Simple, Bluetooth-powered setup with the UISP Mobile app

Specifications:

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Specifications	
Product Code	UBAF-AF60-XG
Mechanical	
Dimensions	779 x 664 x 383 mm (30.68 x 26.14 x 15.06")
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
Mount	Precision Alignment Kit (included)
	Pole compatibility: Ø40-80 mm (Ø1.5-3.15")
Wind loading	422 N at 200 km/h (94.86 lbf at 125 mph)
Hardware	
Processor	Quad-Core ARM Cortex A72 at 1.6 GHz
Memory	2 GB DDR4
Networking interfaces	(1) GbE RJ45 port
	(1) 1/10G SFP+ port

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Product Specification Sheet

Button	Factory reset
RF connections	Internal
Max. power consumption	31.2W
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)
Supported voltage range	48VDC +/- 10%
Operating temperature	-40 to 55 degrees C (-40 to 131 degrees F)
Operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE, terragraph
LEDs	
Power	Flashing white: bootup in progress
	White: not connected to UISP console
	Blue: connected to UISP console
Ethernet	Flashing blue: ethernet activity
GPS	Blue: receiving at least (4) GPS satellite signals
60G	Blue: active connection
5G	Blue: active connection
System	
Maximum throughput	5 GHz: 866.6 Mbps
	60 GHz: 3.8 Gbps/6 Gbps (with channel bonding enabled)
Maximum range	4 km
Encryption	WPA2-PSK (AES)
Software	
OS	airFiber
Modes	PtP only
Services	UISP, ping watchdog, NTP client, system log
Utilities	Antenna alignment tool, discovery utility, ping, speed test
Management interface	Bluetooth management for easy setup over UISP App
	WEB UI
Minimum software requirements	Modern Web browser or Android/iOS smartphone
RF	
Operating frequency	57 to 66 GHz
	* Depends on regulatory region.
GPS	Yes
Channel bandwidth	2160 MHz/4320 MHz (with channel bonding enabled)
Operating channels	58320, 59400, 60480, 61560, 62640, 63720, 64800 MHz
	*It depends on the channel bandwidth

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Product Specification Sheet

Back-Up RF	
Operating frequency US/CA	U-NII-1 5150 - 5250 MHz
	U-NII-3 5725 - 5850 MHz
Worldwide	5150 - 5875 MHz
	* Depends on regulatory region.
Channel bandwidth	20/40/80 MHz

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/UBAF-AF60-XG-Ubiquiti-AirFiber-Multi-Gigabit-60-GHz-Buy-p-272813.php>

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