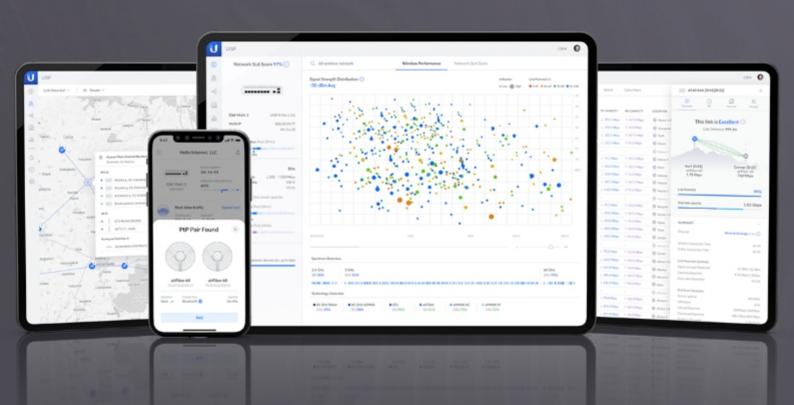
UISP





airFiber 60 LR

60 GHz point-to-point (PtP) radio system with a 1.9 Gbps maximum throughput rate and a 12+ kilometer link range.

The airFiber 60 GHz Long-range Radio (AF60 LR) is a PtP system that uses Wave Technology to establish long-distance, true-duplex Gigabit links. Equipped with a high-gain dish antenna, the AF60 LR can reach a 1.9 Gbps maximum throughput rate and sustain its links over 12 km. It also has a dedicated Bluetooth management radio so it can be set up quickly and fully configured with the UISP® application (web/mobile). It can also be seamlessly integrated into an existing deployment with Ubiquiti's dedicated link planning platform and tracked from anywhere with its built-in GPS antenna.



Mechanical

Dimensions	Ø413 x 360 mm (Ø16.3 x 14.2")
Weight	Without mount: 1.5 kg (3.3 lb) With mount: 2.7 kg (6 lb)
Enclosure materials	Aluminum, UV stabilized polycarbonate
Mount material	Galvanized steel
Mounting	Precision Alignment Kit (included) Pole compatibility: Ø25.4-76.2 mm (Ø1-3")
Wind loading	420 N at 200 km/h (94.4 lbf at 125 mph)

Hardware

Processor	Quad-Core ARM® Cortex® A7
Memory	256 MB DDR3
Networking interface	GbE RJ45 port
RF connections	Internal
Max. power consumption	18W
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±1096
ESD/EMP protection	Air/contact ± 24kV
Operating temperature	-40 to 60° C (-40 to 140° F)
Operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

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



Software

GPS

Channel Bandwidth

airOS® PtP only Integrated 60 GHz radio, discovery protocol, Wave technology Bridge mode UISP, ping watchdog, NTP client, device discovery Antenna alignment, discovery utility, ping, trace route, speed test Bluetooth management for easy setup over UISP app WEB UI Any modern WEB browser/iOS or Android based smartphone
Integrated 60 GHz radio, discovery protocol, Wave technology Bridge mode UISP, ping watchdog, NTP client, device discovery Antenna alignment, discovery utility, ping, trace route, speed test Bluetooth management for easy setup over UISP app WEB UI
Bridge mode UISP, ping watchdog, NTP client, device discovery Antenna alignment, discovery utility, ping, trace route, speed test Bluetooth management for easy setup over UISP app WEB UI
UISP, ping watchdog, NTP client, device discovery Antenna alignment, discovery utility, ping, trace route, speed test Bluetooth management for easy setup over UISP app WEB UI
Antenna alignment, discovery utility, ping, trace route, speed test Bluetooth management for easy setup over UISP app WEB UI
Bluetooth management for easy setup over UISP app WEB UI
WEB UI
Any modern WEB browser/iOS or Android based smartphone
1.95 Gbps
12+ km
WPA2-PSK (AES)



Yes

2160, 1080 MHz