

Tech Specs

UniFi UISP Branding

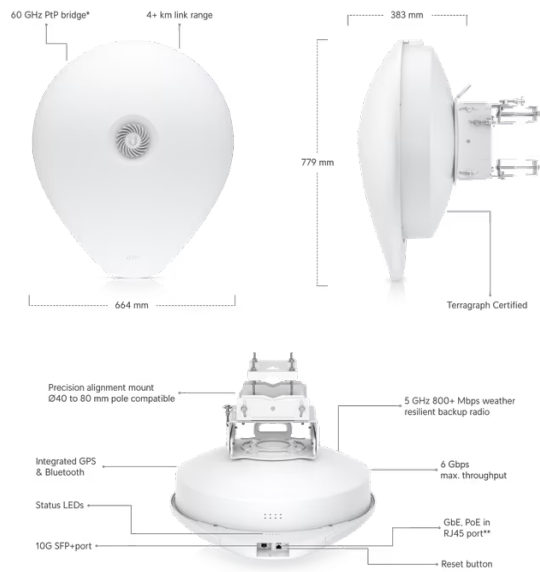
UniFi Cloud Gateways WiFi Switching Cloud Keys & Gateways Camera Security Door Access Phone System New Integrations Accessories

airFiber 60 XG

Datasheet

Installation Guide

Marketing Images



*airFiber is normally purchased in pairs to form a single link.
**48V DC, 0.65A GbE PoE adapter included.

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
Mounting	Precision alignment kit (included) Pole compatibility: Ø40 to 80 mm (Ø1.5 to 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 interface	(1) GbE RJ45 port (1) 1/10G SFP+ port
Max. power consumption	31.2W
Power method	Passive PoE 4-pairs (1, 2+; 3, 6-) (4, 5+; 7, 8-) Passive PoE 2-pairs (4, 5+; 7, 8-), for 44-54V DC only
Power supply	48V DC, 0.65A Gigabit PoE adapter (included)
Supported voltage range	44-54V DC 22-27V DC

GPS	Yes
RF connections	Internal
Button	Factory reset
Operating temperature	-40 to 55° C (-40 to 131° F)
Operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE, terragraph

Software

Operating mode	PtP only
Services	UISP, ping watchdog, NTP client, system log
Utilities	Antenna alignment tool, discovery utility, ping, speed test
Management application	UISP web: Version 1.4.3 and later UISP iOS™ and Android™: Version 2.19 and later

System

Max. throughput	5 GHz: 866.6 Mbps 60 GHz: 3.8 Gbps/6 Gbps (with channel bonding enabled)
Max. range	4 km
Encryption	WPA2-PSK (AES)

RF

Operating frequency*	57–66 GHz <small>* Depends on regulatory region.</small>
Channel bandwidth	2160 MHz/4320 MHz (With channel bonding enabled)
Operating channels	58320, 59400, 60480, 61560, 62640, 63720, 64800 MHz* <small>*Depends on the channel bandwidth.</small>
Polarization	Vertically linear
Beamwidth	Azimuth: 3 dB 1.6° Elevation: 3 dB 1.6°

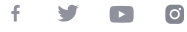
Back-Up RF

Operating frequency* US/CA	U-NII-1 5150 - 5250 MHz U-NII-3 5725 - 5850 MHz
Worldwide	5150–5875 MHz <small>*Depends on regulatory region.</small>
Channel bandwidth	20/40/80 MHz
Polarization	Dual-linear
Beamwidth	Azimuth: 3 dB 5° Elevation: 3 dB 5°

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

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