



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

Mechanical

Dimensions	Ø189 x 89 mm (Ø7.4 x 3.5")
Weight	Without mount: 1.8 kg (3.9 lb) With mount: 2.95 kg (6.5 lb)
Enclosure materials	Aluminum alloy, UV stabilized plastic
Mount material	Stainless steel (SUS304)
Mount	60G precision alignment pole mount (included)
Wind loading	64 N at 200 km/h (14.39 lbf at 125 mph)
Weatherproofing	IPX6

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	29.31W
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, web server, SSH server, NTP client, system log, device discovery
Utilities	Beamform info, discovery utility, ping, trace route, speed test
Network	Bridge mode
Wireless settings	GPS sync
Management interface	Bluetooth management for easy setup over UISP App WEB UI
Minimum software requirements	Any modern web browser/iOS™ or Android™ based smartphone

System

Max. throughput 60 GHz	3.8 Gbps/ 6 Gbps (with channel bonding enabled)
Max. range	2 km
Encryption	WPA2-PSK (AES)
Uplink/Downlink ratio	50/50

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 3° Elevation: 3 dB 3°
Electrical downtilt	0°

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

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