

Tech Specs

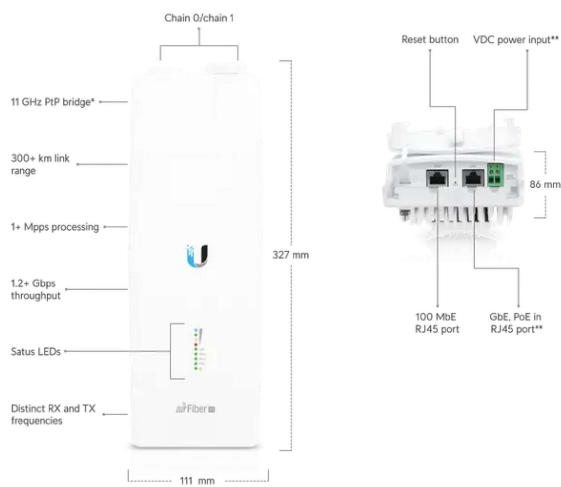
UniFi UISP Branding

60 GHz Wireless Wireless Fiber Wired Accessory Tech

Wireless / airFiber 11

Datasheet

Marketing Images



*airFiber is normally purchased in pairs to form a single link.

**50V DC, 1.2A GbE PoE adapter included, the terminal block can be used to power the AF-11 with +50VDC, 1.2A instead of PoE.

Mechanical

Dimensions	327 x 112 x 86 mm (12.87 x 4.41 x 3.39")
Weight	2.26 kg (5 lb)
Mounting	AF-11G35 mount compatible

Hardware

Networking interface	(1) GbE RJ45 port (1) 10/100 MbE RJ45 port
Power method	Passive PoE (Pins 1, 2, 4, 5 (+) and Pins 7, 8, 3, 6 (-)) DC Power Block
Power supply	50V DC, 1.2A PoE Gigabit Adapter (Included)
Supported voltage range	38-56V DC
RF connectors	(4) SMA Weatherproof, Two per Chain: TX 0, RX 0 (Chain 0) and TX 1, RX 1 (Chain 1) (2) N-Type Waterproof, One per Duplexer
Operating temperature	-40 to 55° C (-40 to 131° F)
Certifications	CE, FCC, IC

Software

Modes SISO/MIMO

System

Max. throughput 1.2+ Gbps

Max. range 300+ km

Encryption 128-bit AES

RF

Operating frequency* 10.7-11.7 GHz
*Depends on regional regulations.

Max. conducted TX power* 30 dBm
*Depends on regional regulations.

Frequency accuracy ± 1 ppm

Channel bandwidth* 3.5/5/7/10/14/20/ 28/30/40/50/56 MHz selectable
Programmable Uplink and Downlink duty cycles
* For region-specific details, refer to the Compliance chapter of the airFiber AF-11FX User Guide at ui.com/download/airfiber

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