

UniFi **UISP** Branding

Q Search UISP products

60 GHz Wireless

Wireless

Fiber

Wired

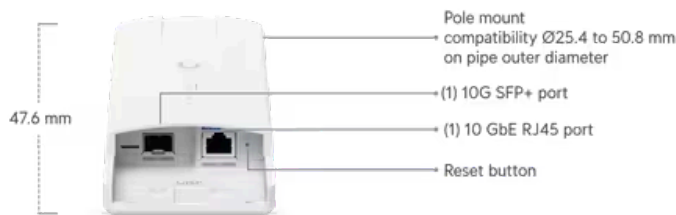
Accessory Tech

Wave MLO > [Wave MLO5](#)

Datasheet

Marketing Images

Installation Guide



Mechanical

Dimensions

249.3 x 82 x 47.6 mm (9.8 x 3.2 x 1.9")

Weight

575 g (1.3 lb)

Enclosure material

Aluminum alloy, UV-resistant polycarbonate

Mount material	Strap: stainless metal Universal bracket: UV-resistant polycarbonate
Pole mount diameter	25.4 to 50.8 mm (1 to 2") on pipe outer diameter
Weatherproofing	IPX6

Hardware

Processor	Quad-core IPQ5322 at 1.5 GHz
Memory	DDR4 1 GB
Networking interface	(1) 10 GbE RJ45 port (1) 10G SFP+ port
RF connectors	(2) RP-SMA (Waterproof) (1) GPS (Waterproof)
Max. power consumption	20W
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	54V DC, 0.56A, 10 GbE PoE adapter (Included)
Supported voltage range	44-54V DC 22-27V DC
Max. TX power* 5 GHz	24 dBm *Depends on regulatory region.
MIMO 5 GHz	(2) 2 x 2
GPS	Yes
Button	(1) Factory reset
LEDs	(1) Power, (1) Ethernet, (1) GPS, (4) signal
Ambient operating temperature	-40 to 60° C (-40 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

Software

Operating mode	PtP
Services	UISP, ping watchdog, NTP client
Tools	Alignment, speed test, ping, traceroute, discovery, site survey
Network	Bridge mode
Total throughput	5+ Gbps
Max. range*	100 km <small>*Throughput and range values may vary depending on the environmental conditions.</small>
Encryption	WPA3-PSK (AES)

RF

Operating frequency*	5180 - 5320, 5500 - 5700, 5745 - 5825 MHz <small>*Depends on regulatory region.</small>
Channel bandwidth	Radio 1: 20, 40, 80, 160 MHz Radio 2: 20, 40, 80, 160, 240 MHz
Modulation	BPSK ($\frac{1}{2}$), QPSK ($\frac{1}{2}$), QPSK ($\frac{3}{4}$), 16QAM ($\frac{1}{2}$), 16QAM ($\frac{3}{4}$), 64QAM ($\frac{2}{3}$), 64QAM ($\frac{3}{4}$), 64QAM ($\frac{5}{6}$), 256QAM ($\frac{3}{4}$), 256QAM ($\frac{5}{6}$), 1024QAM ($\frac{3}{4}$), 1024QAM ($\frac{5}{6}$), 4096QAM ($\frac{3}{4}$), 4096QAM ($\frac{5}{6}$)

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