

Technical Specifications

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

*Throughput and range values may vary depending on the environmental conditions.

Encryption

WPA3-PSK (AES)

RF

Operating frequency*

5180 – 5320, 5500 – 5700, 5745 – 5825 MHz

*Depends on regulatory region.

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 ($\frac{5}{6}$)