Item no.: WAVE-AP-MICRO

UISP Wave Access Point Micro

from **487,70 EUR**

Item no.: WAVE-AP-MICRO
shipping weight: 1.50 kg
Manufacturer: Ubiquiti

Product Description

Wide-coverage 60 GHz PtMP access point powered by Wave Technology.

- 60 GHz 5 Gbps max. throughput (2.5 Gbps duplex) main radio
- 90° sector coverage
- 5 GHz 800+ Mbps weather-resilient backup radio
- (1) 2.5 GbE WAN port
- 15 client capacity
- Integrated GPS & Bluetooth

Mechanical

- Dimensions: 284 x 156 x 76 mm (11.2 x 6.1 x 3")
- Weight: 1.3 kg (2.87 lb)
- Enclosure materials: Aluminum alloy, UV stabilized polycarbonate
- Mount materials: Stainless steel, UV stabilized polycarbonate
- Pole mount diameter: 35 to 60 mm (1.4 to 2.4") on pipe outer diameter
- Wind loading: 87 N at 200 km/h (20 lbf at 125 mph)
- Weatherproofing: IPX6

Hardware

- Processor: Quad-core ARM® Cortex®-A53 at 1.4 GHz
- Memory: DDR3L 512 MB
- Networking interface: (1) 1/2.5 GbE RJ45 port
- Max. power consumption: 24 W
- Power method: Passive PoE 4-pairs (1, 2+; 3, 6-) (4, 5+; 7, 8-), passive PoE 2-pairs (4, 5+; 7, 8-), for 44–54 V DC only
- Power supply: 48 V DC, 0.65 A, 2.5 GbE PoE adapter (included)
- Supported voltage range: 44–54 V DC; 22–27 V DC
- GPS: Yes
- Button: Factory reset
- LEDs: Power, Ethernet, GPS, Link
- Operating temperature: -40°C to 60°C (-40°F to 140°F)
- Operating humidity: 5 to 95% non-condensing
- Certifications: FCC, IC, CE

Software

- Operating mode: PtMP access point
- Ubiquiti specific features: Wave AI, discovery protocol
- Services: UISP, ping watchdog, NTP client, SNMP
- Tools: Antenna alignment, discovery utility, ping, trace route, speed test
- Network: Bridge mode
- Application requirements: UISP web: Version 2.2.11 and later; UISP iOS™: Version 2.25.1 and later; UISP Android™: Version 2.27.5 and later

System

- Total throughput: 5 Gbps (2.5 Gbps duplex)
- Supported clients count: 15
- Max. range: Connecting to a Wave Long-Range: up to 6 km; Connecting to a Wave Nano: up to 4 km
- Encryption: WPA2-PSK (AES)

RF

- Operating frequency*: 57–71 GHz
- Channel bandwidth: 2160, 1080 MHz
- Operating channels*: 58320, 59400, 60480, 61560, 62640, 63720, 64800, 65880, 66960, 68040, 69120, 70200 MHz
- Modulation: 16QAM, QPSK
- Antenna gain: 20 dBi
- Polarization: Vertically linear
- Beamwidth: Azimuth: 3 dB 90°; Elevation: 3 dB 7°
- Electrical downtilt: 0°

Back-Up RF

- WiFi standard: 802.11ax (WiFi 6)
- Operating frequency*: US/CA: U-NII-1 5150 - 5250 MHz, U-NII-2A 5250 - 5350 MHz, U-NII-2C 5470 - 5725 MHz, U-NII-3 5725 - 5850 MHz; Worldwide: 5150 - 5875 MHz
- Channel bandwidth: 20, 40, 80 MHz
- Modulation: BPSK (1?2), QPSK (1?2), QPSK (3?4), 16QAM (1?2), 16QAM (3?4), 64QAM (2?3), 64QAM (3?4), 64QAM (5?6), 256QAM (3?4), 256QAM (5?6), 1024QAM (3?4), 1024QAM (5?6)
- Antenna gain: 13.5 dBi
- Polarization: Dual-linear
- Beamwidth: Azimuth: 6 dB 90°; Elevation: 6 dB 25°
- Cross-pol isolation: 10 dB
- Electric downtilt: 0°

LEDs

- Power: Flashing white: Bootup in progress; White: Not connected to UISP application; Blue: Connected to UISP application; Flashing blue: Locate in progress; Blue/white: Firmware upgrade in progress
- Ethernet: Flashing blue: Ethernet traffic detected
- GPS: Blue: Receiving at least(4) GPS satellite signal
- Link: Blue: 60 GHz link; White: 5 GHz link

*Depends on regulatory region.

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability