

Item no.: 384787

WAVE-PRO-EU - 60GHz5GHz client with 2.7Gbps symmetrical speed and 15km range

from **608,71 EUR**

Item no.: 384787
shipping weight: 4.50 kg
Manufacturer: Ubiquiti

Product Description

High-capacity 60 GHz radio that supports long-distance PtP (bridge) and PtMP links. Details- Max. link range: PtP: Up to 15 km / PtMP: Up to 8 km (Wave AP), up to 6 km (Wave AP Micro)- Max. throughput: 5.4 Gbps (2.7 Gbps duplex)- 5 GHz weatherproof backup radio (Max. throughput: 800 Mbps)- (2) 2.5 GbE and (1) 10G SFP+ ports- Ergonomic transportation handle- Precision alignment mount- Integrated GPS & BluetoothMechanical- Dimensions Ø424.4 x 166.2 mm (Ø16.7 x 6.5")- Weight Without mount: 2.8 kg (6.2 lb)With mount: 4 kg (8.8 lb)- Enclosure material Aluminum alloy, UV stabilized plastic- Mount material Stainless steel- Pole mount diameter 25 to 76.2 mm (1 to 3") on pipe outer diameter- Wind loading 369 N at 200 km/h (83 lbf at 125 mph)- Weatherproofing IPX6Hardware- Processor Quad-core ARM® Cortex®-A53 at 1.4 GHz- Memory DDR3L 512 MB- Networking interface (2) 2.5 GbE RJ45 ports(1) 10G SFP+ port- Max. power consumption 26W- 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 onlyPower supply 48V DC, 0.65A, 2.5 GbE PoE adapter (Included)- Supported voltage range 44-54V DC22-27V DC- GPS Yes- Button Factory reset- LEDs Power, (2) Ethernet, SFP+ , GPS, link- Ambient operating temperature -40 to 60° C (-40 to 140° F)- Ambient operating humidity 5 to 95% noncondensing- Certifications FCC, IC, CESoftware- Operating mode PtP, PtMP station- Ubiquiti specific features Integrated 60 GHz radio, discovery protocol, Wave technology- Services UISP, ping watchdog, NTP client, SNMP- Tools Antenna alignment, discovery utility, ping, trace route, speed test- Network Bridge/Router* mode- Application requirements UISP: Version 2.3.0 and laterSystem- Total throughput 5.4 Gbps (2.7 Gbps duplex)- Max. range PtP: Up to 15 kmPtMP: Up to 8 km (Wave AP), up to 6 km (Wave AP Micro)- Encryption WPA2-PSK (AES)RF- Operating frequency* 57 to 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 46 dBi- Polarization Vertically linear- Beamwidth Azimuth: 3 dB 1.3°- Elevation: 3 dB 1.3°Back-Up RF- WiFi Standard 802.11ax (WiFi 6)- Operating frequency* US/CAU-NII-1 5150 - 5250 MHzU-NII-2A 5250 - 5350 MHzU-NII-2C 5470 - 5725 MHzU-NII-3 5725 - 5850 MHz- Worldwide 5150 - 5875 MHz- Channel bandwidth 20, 40, 80 MHz- Max. conducted TX power 27 dBm- 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 22 dBi- Polarization Dual-linear- Beamwidth Azimuth: 3 dB 8°- Elevation: 3 dB 8°- Cross-pol isolation 20 dBLEDs- 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 (2) Flashing blue: Ethernet traffic detected- SFP+ (1) Flashing blue: SFP+ traffic detected- Links White: 5 GHz link- Blue: 60 GHz link- GPS Blue: receiving at least (4) GPS satellite signal*Router is available in PtMP station mode only.*Depends on regulatory region.

Specifications

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

