Item no.: WAVE-LR

WAVE-LR - UISP Wave Long-Range

from **382,46 EUR**

Item no.: WAVE-LR
shipping weight: 4.50 kg
Manufacturer: Ubiquiti

Product Description

Can connect to a Wave AP and deliver 2 Gbps total throughput (1 Gbps duplex). The Wave Long-Range is equipped with a high-performance 5 GHz backup radio to ensure uninterrupted connection and a Bluetooth radio to simplify setup via the UISP® Mobile app.

Mechanical- Dimensions: Ø424.4 x 166.2 mm (Ø16.7 x 6.5")- Weight: Without mount: 2.59 kg (5.7 lb); With mount: 3.79 kg (8.4 lb)- Enclosure material: UV stabilized plastic- Mount material: Galvanized steel- Pole mount diameter: 25 to 76.2 mm (1 to 3") on pipe outer diameter- Wind loading: 286 N at 200 km/h (64.3 lbf at 125 mph)- Weatherproofing: IPX6Hardware- Processor: Dual ARM® Cortex®-A53 cores at 1 GHz- Memory: DDR3L 512 MB- Networking interface: (1) GbE RJ45 port- Max. power consumption: 18 W- Power method: 48 V DC passive PoE 4-pairs (1, 2+; 3, 6-) (4,5+; 7, 8-) or 2-pairs (4, 5+; 7, 8-); 24 V DC passive PoE 4-pairs (1, 2+; 3, 6-) (4, 5+; 7, 8-)- Power supply: 48 V DC, 0.65 A Gigabit PoE adapter (included), can be powered by a UISP Router or UISP Switch- 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, CESoftware- OS: airOS®- Operating mode: 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- Software management: Bluetooth management for easy setup over UISP app; Web UI- Minimum software requirements: Any modern web browser/iOS or Android based smartphoneSystem- Total throughput: 2 Gbps (1 Gbps duplex)- Maximum range: 8+ km- Encryption: WPA2-PSK (AES)RF- Operating frequency*: 57 to 71 GHz- GPS: Yes- 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- Azimuth and elevation beamwidth: 3 dB: 0.8°; 6 dB: 1.1°*Depends on regulatory region.Back-Up RF- Operating frequency*: U-NII-1 5150 - 5250 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: 22 dBi- Polarization: Dual-linear- Cross-pol isolation: 20 dB- Azimuth and elevation beamwidth: 3 dB: 8 to 10°*Depends on regulatory region.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- Links: White: 5 GHz link; Blue: 60 GHz link

Specifications

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