

Item no.: GBE-PLUS

## GBE-PLUS - airMAX GigaBeam Plus 60 GHz Radio

from **189,62 EUR**

Item no.: GBE-PLUS  
shipping weight: 1.50 kg  
Manufacturer: Ubiquiti



### Product Description

GBE-Plus - airMAX GigaBeam Plus 60 GHz Radio

airMAX(R) 60 GHz radio system with True Duplex Gigabit performance.

GBE-Plus is a 60 GHz radio capable of supporting 1 Gbps rates with very low latency. GBE-Plus can be used as a high throughput backhaul/edge PTP solution in WISP deployments. Housed in a outdoor industrial design, the GBE-Plus achieves significant gain improvements with an integrated Cassegrain reflector design. The GBE-Plus is easily set-up, configured and managed through the UISP dashboard and UISP(TM) mobile app via Bluetooth.

#### Mechanical

- Dimensions: 155 x 137 mm (6.1 x 5.4")
- Weight: 1 kg (2.2 lb.)
- Enclosure materials: UV resistant polycarbonate, stainless steel
- Mount materials: Metal
- Wind loading: 50 N at 200 km/h (11.24 lbf at 125 mph)

#### Hardware

- Processor: Quad-core ARM(R) Cortex(R) A7
- Memory: 256 MB DDR3
- Networking interface: 10/100/1000 Mbps Ethernet RJ45
- Management interface: Ethernet In-Band; Bluetooth
- RF connections: Internal
- Max. power consumption: 11 W
- Power method: Passive PoE (pairs 4, 5+; 7, 8-)
- Power supply: 24 V DC, 0.5 A Gigabit PoE adapter; 24 V, 1 A for using motor accessory
- Supported voltage range: 22 to 26 V DC
- ESD/EMP protection: Air/contact: +/- 24 kV
- Operating temperature: -40°C to 60°C (-40°F to 140°F)
- Operating humidity: 5 - 95% non-condensing
- Certifications: FCC, IC, CE

#### LEDs

- Power: Flashing white: Bootup in progress; White: Not connected to Ubiquiti(R) Internet Service Provider (UISP(TM)); Blue: Connected to UISP
- Ethernet: Flashing blue: Ethernet traffic detected
- 60 GHz: Blue: Active connection

#### Software

- OS: airOS(R)
- Operating modes: PtP as access point or station
- Ubiquiti specific features: Integrated 60 GHz radio, discovery protocol
- Security: WPA2 AES only
- Dashboard: Yes
- Wireless settings: Yes
- Network settings: Yes
- System: Yes
- Services: UISP, ping watchdog, web server, SSH server, NTP client, system log, device discovery
- Tools: Antenna alignment tool, discovery utility, traceroute, speed test
- Software management: Bluetooth management for easy setup over UISP(TM) app; Web UI
- Minimum software requirements: Any modern web browser/iPhone/Android

## RF

- Operating frequency\*: 57,000 - 66,000 MHz
- Max. conducted TX power: 17 dBm
- Channel bandwidth: 2160 MHz
- Operating channels: 58320, 60480, 62640, 64800 MHz
- Antenna gain: 35 dBi
- Beamwidth: HPOL: NaN (the antenna is only vertically polarized); VPOL: 3°; Elevation: 3°
- Management radio: 2400 - 2483.5 MHz
- Electrical downtilt: 0°

\* Depends on regulatory region.

## Specifications

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