

Item no.: GBE-PLUS

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

# from 207,56 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

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  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

#### <u>LED</u>s

- 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

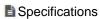
#### Software

- 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
  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.



Scan this QR code to view the product

All details, up-to-date prices and availability

