Item no.: U6-MESH
U6-MESH - Access Point WiFi 6 Mesh

from **189,01 EUR**

Item no.: U6-MESH
shipping weight: 0.50 kg
Manufacturer: Ubiquiti

📄 Product Description

U6-Mesh - Access Point WiFi 6 Mesh

The Access Point WiFi 6 Mesh (U6 Mesh) is a high-performance, four-stream WiFi 6 access point that provides best-in-class signal meshing to enhance the wireless coverage of home and enterprise networks. The U6 Mesh can reach an aggregate throughput rate up to 5.3 Gbps with its 5 GHz (4x4 MU-MIMO and OFDMA) and 2.4 GHz (2x2 MIMO) bands. This access point also operates at full 4x4 MIMO with 160 MHz channels to create high-capacity wireless uplinks and facilitate faster data transfer. The sleek U6 Mesh is discreet enough to stage anywhere in your home or office, but also rugged enough to reliably operate outdoors thanks to its IPX5-rated, waterproof housing. The U6 Mesh is a plug-and-play device designed to easily extend your wireless signal to ensure full, seamless coverage and high-quality WiFi connectivity. It can be set up in minutes and fully managed with the UniFi Network web application or mobile app.

Mechanical

- Dimensions: Ø48.5 x 159.5 mm (Ø1.9 x 6.28")
- Weight: 400 g (0.88 lb)
- Enclosure material: Plastic, aluminum
- Mount materials: Plastic
- Weatherproofing: IPX5

Hardware

- Management interfaces: Ethernet, Bluetooth
- Networking interface: 1x GbE RJ45 port
- Button: Factory reset
- LED: White/blue
- Power method: 802.3af PoE
- Power supply: UniFi PoE switch; 48 V, 0.32 A PoE adapter (included)
- Supported voltage range: 44 to 57 V DC
- Max. power consumption: 11.4 W
- Max. TX power: 2.4 GHz: 22 dBm; 5 GHz: 26 dBm
- MIMO: 2.4 GHz: 2x2 (UL MU-MIMO); 5 GHz: 4x4 (DL/UL MU-MIMO)
- Throughput rate: 2.4 GHz: 573.5 Mbps; 5 GHz: 4.8 Gbps
- Antenna gain: 2.4 GHz: 3 dBi; 5 GHz: 5 dBi
- Mounting: Wall, desktop, pole mount (included); Ceiling mount (optional)
- Operating temperature: -30°C to 60°C (-22°F to 140°F)
- Operating humidity: 5 - 95% non-condensing
- Certifications: CE, FCC, IC

Software

- WiFi standards: 802.11a/b/g; WiFi 4/WiFi 5/WiFi 6
- Wireless security: WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
- BSSID: 8 per radio
- VLAN: 802.1Q
- Advanced QoS: Per-user rate limiting
- Guest traffic isolation: Supported
- Concurrent clients: 300+
- Zero wait DFS: Yes*

*Supported with upcoming firmware versions

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