

# U6 Mesh Pro

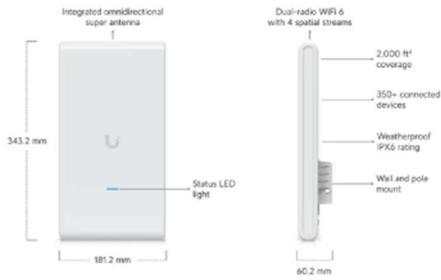
U6-Mesh-Pro

Datasheet

In The Box

Marketing Images

Installation Guide



\*48V DC, 0.5A GbE PoE adapter included.



## Mechanical

<b>Dimensions</b>	343.2 x 181.2 x 60.2 mm (13.5 x 7.1 x 2.4")
<b>Weight</b>	819 g (1.8 lb)
<b>Enclosure material</b>	UV-stabilized polycarbonate
<b>Mount material</b>	Aluminum alloy, steel
<b>Pole mount diameter</b>	1-2.5" on pipe outer diameter
<b>Weatherproofing</b>	IPX6

## Hardware

<b>Networking interface</b>	(2) GbE RJ45 ports
<b>Management interface</b>	Ethernet WiFi
<b>Power method</b>	PoE
<b>Power supply</b>	UniFi PoE switch 48V, 0.5A PoE adapter (Included)
<b>Supported voltage range</b>	42.5—57V DC
<b>Max. power consumption</b>	9W
<b>Max. TX power</b>	
2.4 GHz	22 dBm
5 GHz	27 dBm
6 GHz	-

<b>MIMO</b>	
2.4 GHz	2 x 2 (DL/UL MU MIMO)
5 GHz	2 x 2 (DL/UL MU-MIMO)
6 GHz	-

<b>Max. data rate</b>	
2.4 GHz	573.5 Mbps (BW40)
5 GHz	2.4 Gbps (BW160)
6 GHz	-

<b>Antenna gain</b>	
2.4 GHz	8 dBi
5 GHz	8 dBi
6 GHz	-

**LEDs** White/blue

**Button** Factory reset

**Mounting** Wall, pole (Included)

**Ambient operating temperature** -30 to 60° C (-22 to 140° F)

**Ambient operating humidity** 5 to 95% noncondensing

**Certifications** CE, FCC, IC

## Software

<b>WiFi standards</b>	802.11a/b/g/n/ac/ax (WiFi 6)
<b>Wireless security</b>	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3)
<b>BSSID</b>	8 per radio
<b>VLAN</b>	802.1Q
<b>Advanced QoS</b>	Per-user rate limiting
<b>Guest traffic isolation</b>	Supported
<b>Concurrent clients</b>	350+

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**Supported Data Rates**

<b>802.11a</b>	6, 9, 12, 18, 24, 36, 48, 54 Mbps
<b>802.11b</b>	1, 2, 5.5, 11 Mbps
<b>802.11g</b>	6, 9, 12, 18, 24, 36, 48, 54 Mbps
<b>802.11n</b>	6.5 Mbps to 300 Mbps (MCS0 - MCS15 , HT 20/40)
<b>802.11ac</b>	6.5 Mbps to 1.7 Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80/160)
<b>802.11ax (WiFi 6)</b>	7.3 Mbps to 2.4 Gbps (MCS0 - MCS11 NSS1/2, HE 20/40/80/160)

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**Application Requirements**

<b>UniFi Network</b>	Version 8.1.127 and later
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