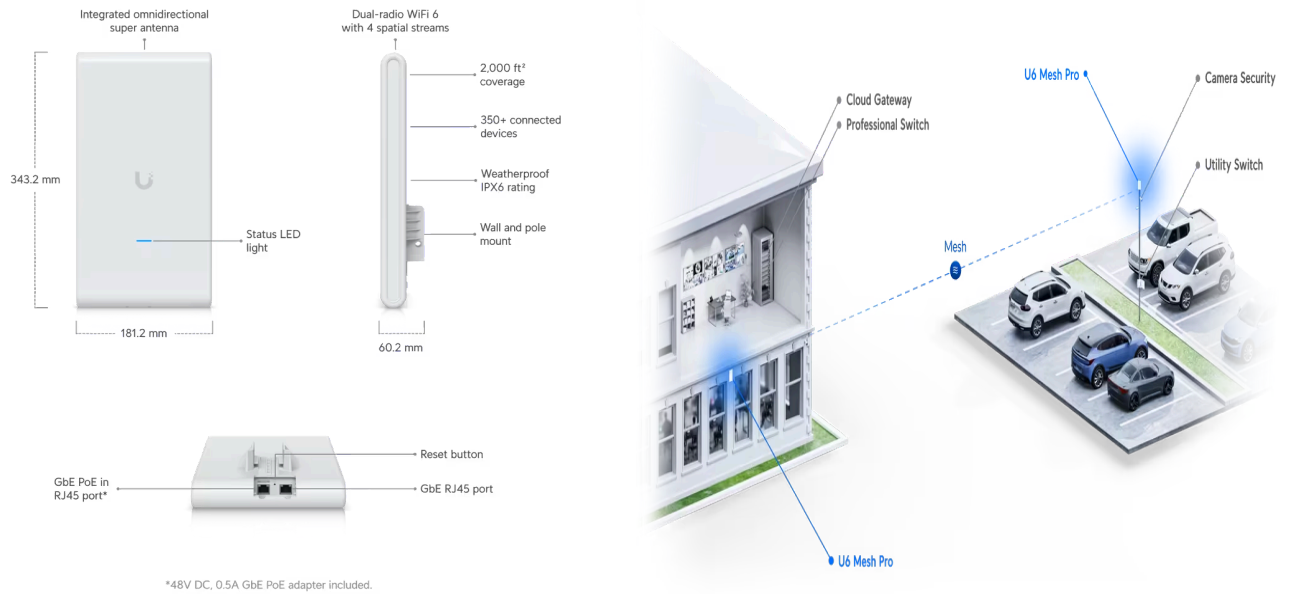




U6 Mesh Pro

U6-Mesh-pro



Mechanical

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

Hardware

Networking interface	(2) GbE RJ45 ports
Management interface	Ethernet WiFi
Power method	PoE

Power supply	UniFi PoE switch 48V, 0.5A PoE adapter (Included)	
Supported voltage range Max.	42.5—57V DC	
power consumption	9W	
Max. TX power		
2.4 GHz	22	dBm
5 GHz	27	dBm
6 GHz	-	
MIMO		
2.4 GHz	2 x 2 (DL/UL MU MIMO)	
5 GHz	2 x 2 (DL/UL MU-MIMO)	
6 GHz	-	
Max. data rate		
2.4 GHz	573.5 Mbps (BW40)	
5 GHz	2.4 Gbps (BW160)	
6 GHz	-	
Antenna gain		
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		
WiFi standards	802.11a/b/g/n/ac/ax (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	350+

Supported Data Rates

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

Application Requirements

UniFi Network	Version 8.1.127 and later
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