

WiFi Switching Cloud Keys & Gateways Camera Security Door Access Power Tech New I

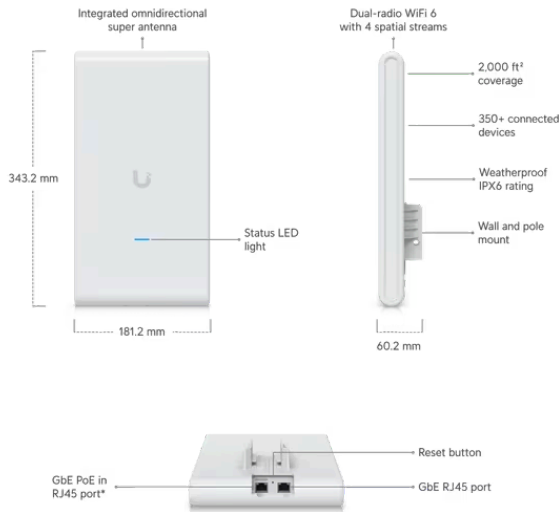
WiFi > U6 Mesh Pro

Datasheet

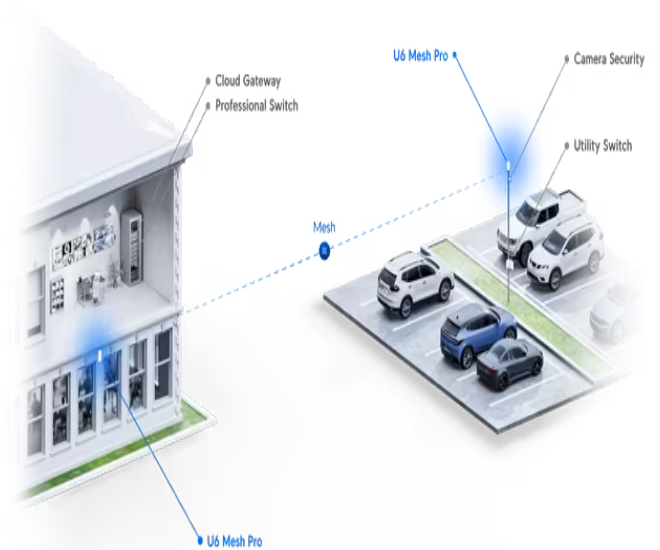
In The Box

Marketing Images

Installation Guide



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



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	42.5—57V DC
Max. 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	-
Throughput rate	
2.4 GHz	573.5 Mbps
5 GHz	2.4 Gbps
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
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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 (WiFi 4)	6.5 Mbps to 300 Mbps (MCS0 - MCS15 , HT 20/40)
802.11ac (WiFi 5)	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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