

Technical Specifications

Mechanical

Dimensions	170 x 208 x 54.5 mm (6.7 x 8.2 x 2.1")
Weight	1.2 kg (2.6 lb)
Enclosure material	UV-stabilized polycarbonate, aluminum alloy
Mount material	Polycarbonate, SGCC steel
Pole mount diameter	25–60 mm (1–2.36") on pipe outer diameter
Wind survivability	74.6 N at 200 km/h (16.8 lbf at 125 mph)
Weatherproofing	IPX6

Hardware

Networking interface	(1) 1/2.5 GbE RJ45 port
Management interface	Ethernet
Power method	PoE+
Power supply	UniFi PoE Switch
Supported voltage range	42.5—57V DC
Max. power consumption	19W
Max. TX power	
2.4 GHz	23 dBm
5 GHz	26 dBm
6 GHz	–
MIMO	
2.4 GHz	2 x 2
5 GHz	2 x 2
6 GHz	–
Throughput rate	
2.4 GHz	688 Mbps
5 GHz	4324 Mbps
6 GHz	–
Antenna gain	
2.4 GHz	Directional internal: 8 dBi / External omni: 3 dBi
5 GHz	Directional internal: 12.5 dBi / External omni: 4 dBi
6 GHz	–
Antenna beamwidth	
2.4 GHz	90°
5 GHz	45°
6 GHz	–
Antennas	(1) Directional internal antenna (2) External omni antennas (2) RP-SMA connectors for external antenna
LEDs	(1) Power: white/blue (4) Mesh signal: blue
Button	Factory reset
Mounting	Wall, ceiling, 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/be

Wireless security WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)

BSSID 8 per radio

VLAN 802.1Q

Advanced QoS Per-user rate limiting

Guest traffic isolation Supported

Concurrent clients 200+

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 (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)

802.11be (WiFi 7) 7.3 Mbps to 4.3 Gbps (MCS0 - MCS13 NSS1/2, EHT 20/40/80/160/240)