

Swiss Army Knife Ultra

UK-Ultra



Mechanical

Dimensions	137 x 84 x 34 mm (5.4 x 3.3 x 1.3")
Weight	173 g (6.1 oz)
Enclosure material	UV-stabilized polycarbonate
Mount material	Polycarbonate, SGCC steel, plastic
Pole mount diameter	1~2" on pipe outer diameter
Wind survivability	33.2 N at 200 km/h (7.5 lbf at 125 mph)
Weatherproofing	IPX6

Hardware

Networking interface	(1) GbE RJ45 port
Management interface	Ethernet
Power method	PoE
Power supply	UniFi PoE Switch
Supported voltage range	44–57V DC
Max. power consumption	8W
Max. TX power	
2.4 GHz	20 dBm
5 GHz	20 dBm
6 GHz	-
MIMO	
2.4 GHz	2 x 2
5 GHz	2 x 2
6 GHz	-
Throughput rate	
2.4 GHz	300 Mbps
5 GHz	866.7 Mbps
6 GHz	-

Antenna gain	4.7 dBi
2.4 GHz	6.1 dBi
5 GHz	-
6 GHz	
Antenna	(1) Internal antenna (2) RP-SMA connectors for optional external antennas
LEDs	(1) Power: white/blue (4) Mesh signal: blue
Button	Factory reset
Mounting	Wall, ceiling, pole (Included)
Ambient operating temperature	-40 to 60° C (-40 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

Software

WiFi standards	802.11a/b/g/n/ac
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)
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 (WiFi 4)

6.5 Mbps to 300 Mbps (MCS0 - MCS15, HT 20/40)

802.11ac (WiFi 5)

6.5 Mbps to 866.7 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)

Application Requirements

UniFi Network

Web: Version 8.0.7 and later

iOS™: Version 10.11.1 and later

Android™: Version 10.10.1 and later