

UniFi UISP Branding

Q

Search UniFi products

Switching WiFi Camera Security Door Access CloudKeys & Gateways Power Tech Inte

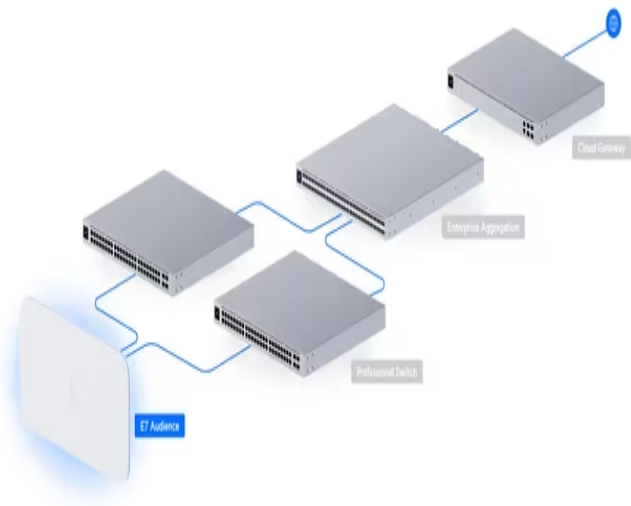
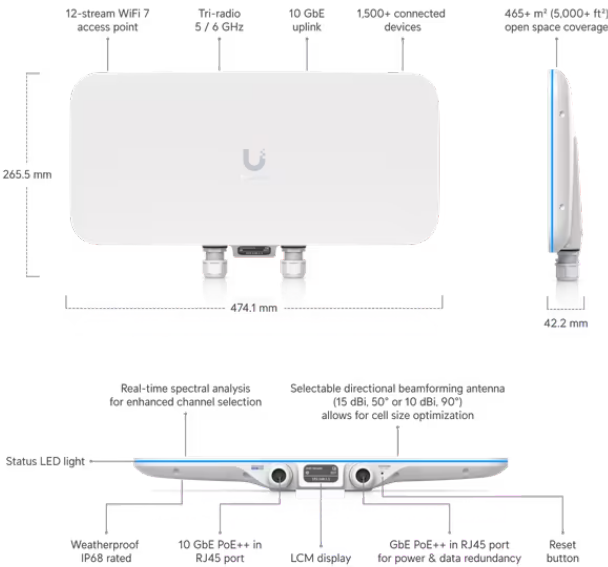
Enterprise > [E7 Audience](#)

Datasheet

In The Box

Marketing Images

Installation Guide



Mechanical

Dimensions	Device: 474.1 x 265.5 x 42.2 mm (18.7 x 10.5 x 1.7") Bracket: 150.4 x 113.6 x 125 mm (5.9 x 4.5 x 4.9")
Weight	Without mount: 3.3 kg (7.3 lb) With mount: 4.3 kg (9.5 lb)
Enclosure material	Aluminum alloy, UV-stabilized polycarbonate
Mount material	Aluminum alloy
Weatherproofing	IP68
Wind survivability	164.75 N at 200 km/h (37 lbf at 125 mph)
Pole mount diameter	1~3" (25~76 mm) on pipe outer diameter

Hardware

Networking interface	(1) 10 GbE RJ45 port (1) GbE RJ45 port
Management interface	Ethernet
Power method	PoE++
Max. power consumption	51W
Supported voltage range	42.5—57V DC
Max. TX power	
2.4 GHz	–
5 GHz	30 dBm
6 GHz	Low / High band: 30 dBm (36 dBm EIRP)* *With 6 GHz Extended Range mode. Available in FCC/IC region only.
MIMO	
2.4 GHz	–
5 GHz	4 x 4 (DL/UL MU-MIMO)
6 GHz	Low / High band: 4 x 4 (DL/UL MU-MIMO)
Max. data rate	
2.4 GHz	–
5 GHz	8.6 Gbps (BW240)
6 GHz	Low / High band: 11.5 Gbps (BW320)
Antenna gain	
2.4 GHz	–
5 GHz	Small cell: 15 dBi / Large cell: 11 dBi
6 GHz	Small cell: 15 dBi / Large cell: 11 dBi
Antenna beamwidth	
Small cell	50°
Large cell	90°
Antenna	Internal with directional patterns
LEDs	R/G/B
Button	Factory reset
Mounting	VESA-compatible mount, pole/wall (Brackets included)
Ambient operating temperature	–40 to 60° C (–40 to 140° F)
Ambient operating humidity	5 to 95% noncondensing
Certifications	FCC, IC

Software

WiFi standards	802.11 a/b/g/n/ac/ax/be
Wireless security	WPA-PSK, WPA-Enterprise (WPA/WPA2/WPA3/PPSK)
VLAN	802.1Q
Advanced QoS	Per-user rate limiting
Guest traffic isolation	Supported
Concurrent clients	1,500+
Ubiquiti specific features	High selectivity PRISM™ RF filtering technology Dedicated spectral analyzer radio

Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11g	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n	6.5 Mbps to 600 Mbps (MCS0 - MCS31, HT 20/40)
802.11ac	6.5 Mbps to 3.4 Gbps (MCS0 - MCS9 NSS1/2/3/4, VHT 20/40/80/160)
802.11ax	7.3 Mbps to 4.8 Gbps (MCS0 - MCS11 NSS1/2/3/4, HE 20/40/80/160)
802.11be	7.3 Mbps to 11.5 Gbps (MCS0 - MCS13 NSS1/2/3/4, EHT 20/40/80/160/240/320)

Stay in Touch

Subscribe

