

Technical Specification

Sr.	Description	Specifications		Quantity
1	WIFI Access Point	Wi-Fi	802.11 a/b/g/n/ac	30 units
		SSID Security	WPA2 (802.11i), WPA2 Enterprise (802.1x/EAP), WPA PSK, Open	
		Max PHY Rate	2.4 GHz radio: 400 Mbps 5 GHz radio: 1700 Mbps	
		Ethernet	Three IEEE Gigabit Ethernet auto sensing	
		Antenna	Internal omni-directional 2.4 GHz: 4.5 dBi 5 GHz: 4.25 dBi	
		Max EIRP	2.4 GHz: 27.5 dBm 5 GHz: 27.25 dBm	
		WLAN	512 clients, 32 SSIDs (16 per radio) WPA-TKIP, WPA2 AES, 802.1x, 802.11w PMF	
		Authentication Encryption	802.1x EAP-SIM/AKA/AKA'/FAST, EAP-PEAP, EAP-TTLS, EAP-TLS/MSCHAPv2, PEAPv0/ PEAPv1 MAC authentication to local database (on AP, on Controller) or external RADIUS. MAC auth fallback to guest portal	
		Scheduled WLAN	On/off by day, week, time of day	
		QoS	802.11e/WMM QoS. DSCP/ToS mapping	
		VLAN	802.11Q, max 4096	
		Fast Roaming	802.11r, OKC, Enhanced roaming	
		Mesh	Multi-hop (3), either band	
		Channel Selection	Auto RF: manual or automatic	
		Auto TX Power	Auto RF: automatically adjust max transmit power	

		Network	NAT, NAT logging firewall, DOS protection, L2/L3/DNS ACL, DHCP server, DHCP Relay option 82 LLDP, IGMP v1, v2, v3 VLAN Pooling, RADIUS attribute VID VLAN per SSID, per user Integrated WIDS (wireless intrusion detection)
		Band Steer Load Balance	Yes
		Tunnel	L2TP, L2oGRE, PPPoE
		Network and RF Management Tools	Out-of-band RF spectrum analysis, radio self test network assurance, RF monitor with chn/noise/interference, wired and wireless remote packet capture, auto logging, ZapD performance tool, rogue AP detection, ultralow power mode, honeypot control
		Power	802.3af or 802.3at powered device Typical load: 12 W, Max: 22 W 2.1 mm 12 VDC barrel connector
		Mounting	Desktop, Wall mount, T-bar mount Ceiling Tile mount Kensington lock slot
		Ambient Operation Temperature	0°C to 50°C (32°F to 122°F)
		Humidity	95% RH non-condensing
		Certifications	Wi-Fi Alliance 802.11 a/b/g/n/ac, Passpoint 2.0 FCC, ETSI, CE, EN 60601-1-2, IEC60950 UI2043
		Warranty	5 Years