HIGHLIGHTS

FortiAP 25D

The FortiAP 25D is a small power-strip design dual-band 2x2 MIMO access point. With 5 Ethernet ports, this AP is well suited to desktop deployments in hotels or hospitality environments, enabling the connection of Point-of-Sale and other remote equipment back to the corporate network.

802.11n | 2.4 or 5 GHz Radio | 2 Internal Antennas

2x2 MIMO | Up to 300 Mbps

SPECIFICATIONS

	FORTIAP 25D
Hardware	
Hardware Type	Remote (Indoor)
Number of Radios	1
Number of Antennas	2 internal
Peak Antenna Gain	2 dBi for 2.4 GHz, 3 dBi for 5 GHz
Frequency Bands (GHz) *	2.400–2.4835, 5.150–5.250, 5.250–5.350, 5.470–5.725, 5.725–5.850
Frequency of Radio 1	2.4 GHz b/g/n, 5 GHz a/n
Frequency of Radio 2	–
Throughput	Up to 300 Mbps
Tx/Rx Streams	2x2 MIMO 2 spatial stream
Ethernet Ports	1x GE RJ45 WAN port, 4x FE RJ45 LAN ports
USB Port	–
Serial Console Port	–
Power over Ethernet (PoE)	–
WME Multimedia Extensions	Yes (4 priority queues for voice, video, data and background traffic)
Simultaneous SSIDs	8 (7 if background scanning enabled)
EAP Type(s)	EAP-TLS, EAP-TTLS/MSCHAPv2, EAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC EAP-SIM, EAP-AKA, EAP-FAST
User/Device Authentication	WPA™ and WPA2™ with 802.1x or Preshared key, WEP and Web Captive Portal, MAC blacklist & whitelist
Maximum Tx Power	16 dBm (40 mW) *
Physical Security	–
Mean Time Between Failures	>10 years
IEEE Specifications	802.11a, 802.11b, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11n, 802.1x
802.11n Features	20 MHz and 40 MHz High-Throughput (HT) Support
	Increased maximum frame transmission by incorporating A-MPDU and A-MSDU Packet Aggregation
	Conserve power via Dynamic MIMO power save

	FORTIAP 25D
Advanced 802.11n to enhance rate-over-range including:	Low-density parity check (LDPC) encoding
	Maximum likelihood demodulation (MLD)
	Transmit beamforming (TxBF)
	Maximum Ratio Combining (MRC) for improved receiver
Mounting Options	Desktop, Wall
Included Accessories	AC power adapter and wall mount kit
FortiPresence Capable	Yes
Wireless Monitoring Capabilities	
Frequencies scanned	2.4 and 5 GHz
Background scan with client access on 2.4 and 5 GHz	–
Full-time scan as dedicated monitor	Yes
Dimensions	
Length x Width x Height	0.9 x 2.8 x 1.4 inches (2.28 x 7 x 3.5 cm)
Weight	0.62 lbs (0.28 kg)
Package (shipping) Weight	1.01 lbs (0.46 kg)
Environment	
Power Supply	Adapter Input: 100–240V AC, 50–60 Hz
Power Consumption (Average)	2.5 W
Power Consumption (Maximum)	2.7 W
Humidity	0–90% non-condensing
Operating Temperature	32–104°F (0–40°C)
Storage Temperature	-13–158°F (-25–70°C)
Directives	Low Voltage Directive • RoHS
Warranty	
Limited Lifetime Warranty	Yes

* Frequency selection and power may be restricted to abide by regional regulatory compliance laws.