

HIGHLIGHTS

FortiAP 112D

The FortiAP 112D is an entry-level 802.11n outdoor AP, designed for outdoor deployments with a low client density. The AP is powered by PoE, but also features a spare Ethernet port supporting PoE-PS, which can be used to both bridge and power an outdoor IP CCTV camera.



 **802.11n | 2.4/5 GHz Radio | 1 Internal Antenna**

 **1x1 MIMO | Up to 150 Mbps**

SPECIFICATIONS

FORTIAP 112D	
Hardware	
Hardware Type	Outdoor IP55 rated
Number of Radios	1
Number of Antennas	1 internal
Peak Antenna Gain	6 dBi for 2.4 GHz, 6 dBi for 5 GHz
Frequency Bands (GHz) *	2.400–2.4835
Frequency of Radio 1	2.4 GHz b/g/n or 5 GHz a/n
Frequency of Radio 2	–
Throughput	Up to 150 Mbps
Tx/Rx Streams	1x1 MIMO with 1 spatial stream
Ethernet Ports	2x FE RJ45 ports with PoE pass-through. (one PoE-PD, one PoE-PS)
USB Port	–
Serial Console Port	–
Power over Ethernet (PoE)	IEEE 802.3af (PoE Passthrough requires 802.3at or included PoE injector)
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	18 dBm (2 GHz), 16 dBm (5 GHz) *
Physical Security	Concrete Pole Mount
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, 802.3af
802.11ac 80MHz Channel	–
Mounting Options	Wall or pole
Included Accessories	30 Watt PoE injector with AC power adapter, wall mount kit, and pole mount kit
FortiPresence Capable	Yes

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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	10.5 x 5.7 x 1.7 inches (267 x 145 x 44 mm)
Weight	1.48 lbs (0.675 kg)
Package (shipping) Weight	2.72 lbs (1.235 kg)
Environment	
Power Supply	Proprietary PoE Injector Adapter Input: 100–240V AC, 50–60 Hz
Power Consumption (Average)	7.21 W (22.61 W when using PoE Passthrough)
Power Consumption (Maximum)	7.88 W (23.28 W when using PoE Passthrough)
Humidity	10–90% non condensing
Operating Temperature	-4–140°F (-20–60°C)
Storage Temperature	-40–176°F (-40–80°C)
Directives	Low Voltage Directive • RoHS
Certifications	
WiFi Alliance Certified	–

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