



## DIRECCION GENERAL DE CONTABILIDAD GUBERNAMENTAL

### FICHA TECNICA

Detalle de Ficha técnica				
No. Item	Nombre de los Bienes y/o Servicios Conexos	Cantidad	Unidad de Medida	Departamento:
1	Fortinet FortiAP Indoor Wireless Access Point	1	Uni	Departamento de Tecnologías de la Información y Comunicación

**Hardware Type:** Indoor AP  
**Number of Radios:** 2 + 1 BLE  
**Number of Antennas:** 4 External + 1 Internal BLE  
**Antenna Type and Peak Gain:** Dipole: 4 dBi for 2.4 GHz, 5 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  
**Radio 1 Capabilities:** 2.4 GHz b/g/n (2x2:2 stream) 20/40 MHz (256 QAM)  
**Radio 2 Capabilities:** 5 GHz a/n/ac (2x2:2 stream) 20/40/80 MHz (256 QAM)  
**Maximum Data Rate:** Radio 1: up to 400 Mbps, Radio 2: up to 867 Mbps  
**Bluetooth Low Energy Radio:** Bluetooth scanning and iBeacon advertisement @ 4 dBm max TX power  
**Interfaces:** 1x 10/100/1000 Base-T RJ45  
**Power over Ethernet (PoE):** IEEE 802.3af  
**Simultaneous SSIDs:** 16 (14 if background scanning enabled)  
**EAP Type(s):** EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-SIM, EAP-AKA, EAP-FAST  
**User/Device**  
**Authentication:** WPA™, WPA2™, and WPA3™ with 802.1x or preshared key, WEP, Web Captive Portal, MAC blacklist & allowlist  
**Maximum Tx Power:**  
2.4 GHz: 23 dBm / 200 mW (2 chains combined)\* 5 GHz: 24 dBm / 251 mW (2 chains combined)\*  
**Kensington Lock:**  
Yes  
**IEEE Standards:**  
802.11a, 802.11b, 802.11d, 802.11e, 802.11g, 802.11h, 802.11i, 802.11j, 802.11k, 802.11n, 802.11r, 802.11v, 802.11w, 802.11ac, 802.1Q, 802.1X, 802.3af, 802.3az  
**SSID Types Supported:**  
Local-Bridge, Tunnel, Mesh  
**Per Radio Client Capacity:**  
Up to 512  
**Maximum Ratio Combining (MRC):**  
Yes  
**A-MPDU and A-MSDU Packet Aggregation:**  
Yes  
**Wireless Monitoring Capabilities- Rogue Scan Radio Modes, WIPS / WIDS Radio Modes**  
Background, Dedicated  
**Packet Sniffer Mode, Spectrum Analyzer:**  
Yes



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**Dimensions:**

6.3 x 6.3 x 1.85 inches (160 x 160 x 47 mm), 1.1 lbs (0.5 kg), 5.3 lbs (2.4 kg), Ceiling, T-Rail, and Wall, Mount kits for Ceiling, T-Rail, and Wall, 4 dipole antennas

**Environment**

**Power Supply:** SP-FAP200-PA-XX, GPI-115, or GPI-130

**Power Consumption (Max.):** 12.36 W

**Humidity:** 5–90% non-condensing

**Operating / Storage Temperature:** -4–113°F (-20–45°C) / -40–158°F (-40–70°C)

**Wi-Fi Alliance Certified:** Yes

**Limited Lifetime Warranty:** Yes



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