WatchGuard AP230W

Hardware Guide

AP230W
Wireless Access Point

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WatchGuard AP230W Hardware Guide

The WatchGuard AP230W is a high-performance 2x2 Wi-Fi 6 802.11ax wall plate access point that supports up to 574 Mbps data rate on the 2.4 GHz band and 1201 Mbps on the 5 GHz band.

The AP230W also has a third 1x1 dual band 2.4 GHz and 5 GHz radio dedicated to security scanning for airspace monitoring.

4 additional Ethernet LAN ports provide wired connectivity. One of these ports also provides PSE/PoE output (802.3af) to power other devices.

You can power the access point with a PoE+ (Power over Ethernet) power source or an optional AC power adapter.

Access Point Management

You manage your access point with WatchGuard Cloud. WatchGuard Cloud delivers a simplified platform for Wi-Fi management to easily deploy, configure, and report on your wireless networks.

For more information on how to set up your access point with WatchGuard Cloud, go to watchguard.com/start.

About Your Hardware

Hardware Specifications

Hardware	Description
Chipset	Qualcomm QCA8075
Processor	Qualcomm Cypress IPQ6010 Dual-core A53 1.8GHz
Memory	■ NOR Flash: SPI 8MB ■ NAND Flash: 256MB ■ RAM: DDR4 1GB (x1)
Radios	■ 2.4 GHz 2x2 802.11b/g/n/ax. Max data rate: 574 Mbps ■ 5 GHz 2x2 802.11a/n/ac/ax. Max data rate:1201 Mbps
Antennas	■ 2 x 2.4 GHz, 3 dBi ■ 2 x 5 GHz, 3 dBi ■ 1 x 2.4/5 GHz Scanning radio, 2 dBi (2.4 GHz), 3 dBi (5 GHz)
Ethernet Interfaces	■ 1 x 10/100/1000 Mbps Gigabit Ethernet (PoE+ In LAN/Uplink) port for a wired LAN connection. This port also provides PoE+ (802.3at) power for the device. ■ 3 x 10/100/1000 Mbps Gigabit Ethernet ports for a wired LAN connection ■ 1 x 10/100/1000 Mbps Gigabit Ethernet port for a wired LAN connection with PoE / PSE output power (802.3af)
Power Interface	Input: 54Vdc, 1.2A(DC jack) POE Input:(POE+802.3at), 54Vdc,0.6A POE Output(LAN4): 54Vdc, 15.4W, 0.35A max(802.3af)
Power Consumption	Maximum 20.19W with 802.3af class 2 PSE
MTBF (Mean Time Between Failures)	367,953 hours at 25°C / 77°F 192,621 hours at 40°C / 104°F
Dimensions	129.87mm x 109.97mm x 34.2mm (5.12” x 4.33” x 1.35”)
Weight	0.270 kg (0.6 lb)

Environmental Requirements

To safely install your WatchGuard access point, we recommend that you:

- Install the device indoors
- Make sure the device has adequate clearance for air flow and cooling

Other environmental requirements:

Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	5% to 95% non-condensing
Non-operating Temperature	-20°C to 70°C (-4°F to 158°F)
Non-operating Humidity	0% to 95%, non-condensing