

AP430CR OUTDOOR ACCESS POINT



IP67 rated enclosure, 4x4 OFDMA, Wi-Fi 6 support, dedicated 2x2 scanning radio
6 N-Type connectors, 5 GbE and 1 GbE ports, requires 802.3at PoE+

PERFECT FOR HIGH-DENSITY DEPLOYMENTS

Designed for indoor or rugged outdoor deployment conditions built with an industrial-rated IP67 enclosure. The AP430CR delivers superior Wi-Fi 6 performance and WPA3 encrypted security. Includes six external antennas to deliver a maximum TX power of 23 dBm. Hardware includes one Ethernet port that supports up to 5 Gbps and a gigabit PoE+ port.

CLOUD-BASED MANAGEMENT

You can manage the AP430CR with WatchGuard Cloud.

WatchGuard Cloud delivers one simplified platform for Wi-Fi management to easily deploy, configure, and report on one unified security platform. WatchGuard Cloud eliminates the need for any physical or virtual infrastructure requirements.

WatchGuard Cloud environments easily scale from one to an unlimited number of access points across multiple locations. Access points can be grouped in many ways including location, building, floor, customers, and remote users to maintain consistent policies across a distributed network.

CROSS-PLATFORM BENEFITS

- Simple VPN connectivity to Firebox managed in WatchGuard Cloud.
- Multi-tier and multi-tenant capabilities through a centralized WatchGuard Cloud management platform with enhanced activation and intelligent inventory management.
- Captive Portal creation with custom corporate branding such as company logos, background, and thumbnail images.
- Enterprise authentication is delivered through easily managed WatchGuard Authentication Domains.
- Centralized management to WatchGuard's portfolio of products such as AuthPoint, Firebox, and endpoint solutions.

FEATURES & BENEFITS

- Wi-Fi 6 and WPA3 encryption
- Six N-Type external connectors offer a variety of external antenna choices for flexible pattern coverage capabilities (antennas sold separately)
- The IP67 sealed enclosure provides protection in harsh weather conditions or rugged environments and can be mounted with direct exposure to the elements – no overhang or shelter required
- Support for up to eight individual SSIDs per radio allows for maximum flexibility in network design
- Lightning-fast speed crafts an unwavering connectivity experience executed by 2402 Mbps on the 5 GHz band and 574 Mbps delivered on the 2.4 GHz band

PHYSICAL SPECIFICATIONS


Property	Specification
Physical Dimensions	267.1 mm x 217.65 mm x 53.7 mm (without antenna)
Weight	1.759 kg (3.87 lb)
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Operating Humidity	-5% to 95% non-condensing
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Power Consumption	19 W (max) / 11 W (min) / 16 W (avg)
Chipset	Qualcomm Iron QCN5124-1 + Iron QCN5154-1
Processor RAM	Qualcomm® Hawkeye IPQ8071A-1 Quad-core A53s at 1.0 GHz



Port	Description	Connector Type	Speed/Protocol
LAN / PoE+	Multi gigabit ethernet port that enables the device to connect to the wired LAN and communicate with WatchGuard Cloud. This port is also used to power the device using the 802.3at Power over Ethernet Plus (PoE+) standard.	IP67 rated weather- proof RJ-45	1/2.5/5 Gbps Gigabit Ethernet 802.3at PoE+
LAN2	Gigabit Ethernet port that can be used for wired extension for an SSID	IP67 rated weather- proof RJ-45	10/100/1000 Mbps Gigabit Ethernet

WI-FI SPECIFICATIONS – Frequency, Modulation, and Data Rates

IEEE 802.11b/g/n/ax			
	Scanning	Transmission	
Frequency Band	All regions	USA & Canada (FCC/IC)	Europe (ETSI)
	2412 ~ 2472 MHz	2412 ~ 2462 MHz	2412 ~ 2472 MHz
Modulation Type	DSSS, OFDM, OFDMA		
Peak Data Rates	Up to 574 Mbps (MCS0-11) with automatic rate adaptation		

WI-FI SPECIFICATIONS – Frequency, Modulation, and Data Rates (continued)

IEEE 802.11a/n/ac/ax			
	Scanning	Transmission	
Frequency Band	All regions	USA & Canada (FCC/IC)	Europe (ETSI)
	5.15 ~ 5.85 MHz	5.15 ~ 5.85 MHz	5.15 ~ 5.72 MHz
Dynamic Frequency Selection	DFS and DFS2		
Modulation Type	OFDM, OFDMA		
Peak Data Rates	Up to 2402 Mbps (MCS 0-11) with automatic rate adaptation		
Maximum Power Values			
Maximum Transmit Power	24 dBm		
Receive Sensitivity	-93 dBm		

Note:

The actual transmit power will be the lowest of:

- Value specified in the Radio Settings
- Maximum value allowed in the regulatory domain
- Maximum power supported by the radio

Access Point Mode:

- WPA/WPA2 (802.11i) with TKIP or AES-CCMP encryption and PSK or 802.1x authentication

REGULATORY SPECIFICATIONS
RF AND ELECTROMAGNETIC

Country	Certification
USA	FCC
Canada	IC
Europe	CE EN Countries covered under Europe certification: Austria, Belgium, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Iceland, Luxembourg, Latvia, Lithuania, Malta, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Slovakia, Slovenia, Switzerland, The Czech Republic, and the UK.

SAFETY

Country	Certification
USA	UL
Canada	cUL
Europe Union (EU)	EN, RoHS



WI-FI WITH WATCHGUARD - WE'VE GOT YOU COVERED!

From indoor remote workspaces or a small office to rugged, expansive outdoor environments - WatchGuard has a range of Wi-Fi 6 access points to fit every wireless need. WatchGuard's Wi-Fi management license options enable capabilities that support the business needs being faced today and offer the flexibility to evolve alongside the wireless needs of tomorrow.

MANAGEMENT LICENSE OPTIONS

FEATURE DESCRIPTION	STANDARD WI-FI	UNIFIED SECURITY PLATFORM WI-FI
Native WatchGuard Cloud Management Features	✓	✓
24/7 Support and Hardware Warranty	✓	✓
Inventory Management	✓	✓
SSH/CLI Access	✓	✓
Configuration of Radio Settings	✓	✓
Configuration of SSID	✓	✓
Configuration of Device Settings	✓	✓
Firmware Updated	✓	✓
24-Hour Reporting/Visibility	✓	✓
Live Status Visibility	✓	✓
WatchGuard Cloud API Integration for PSA	✓	✓
AP Site Templating	✓	✓
Syslog Server Output		✓
IKEv2 VPN Features (RAP)		✓
Captive Portal		✓
30-Day Reporting/Visibility		✓
Future WatchGuard Portfolio Integrations		✓
Future Security and Wi-Fi Features*		✓

* Features included in the Unified Security Platform license will be determined by WatchGuard. Some features may require additional products from WatchGuard to work.

For additional details, talk to your authorized WatchGuard reseller or visit www.watchguard.com/wifi.

About WatchGuard Technologies, Inc.

WatchGuard® Technologies, Inc. is a global leader in network security, endpoint security, secure Wi-Fi, multi-factor authentication, and network intelligence. The company's award-winning products and services are trusted around the world by more than 18,000 security resellers and service providers to protect more than 250,000 customers. WatchGuard's mission is to make enterprise-grade security accessible to companies of all types and sizes through simplicity, making WatchGuard an ideal solution for midmarket businesses and distributed enterprises. The company is headquartered in Seattle, Washington, with offices throughout North America, Europe, Asia Pacific, and Latin America.

To learn more, visit WatchGuard.com.

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