

# AP332CR OUTDOOR/ RUGGED ACCESS POINT



IP67-rated enclosure, 2x2 OFDMA, 802.11ax support, One 2.5 GbE port, Four external antennas, PoE+ power

WatchGuard's mid-performance Wi-Fi 6 access point is the ideal choice for mid-density outdoor/rugged environments of all shapes and sizes. It delivers secure WPA3 encryption for a fast, safe, seamless Wi-Fi 6 experience.

## IDEAL FOR MID-DENSITY OUTDOOR/RUGGED DEPLOYMENTS

The AP332CR delivers superior Wi-Fi 6 performance and WPA3 encrypted security across distributed networks and is ideal for building an easily scalable network in rugged or outdoor deployment conditions.

## CLOUD-BASED MANAGEMENT

You can manage the AP332CR with WatchGuard Cloud.

WatchGuard Cloud delivers one simplified platform for Wi-Fi management to easily deploy, configure, and report on one unified 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 Fireboxes 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 including AuthPoint, Firebox, and endpoint solutions.

## FEATURES & BENEFITS

- Wi-Fi 6 and WPA3 encryption
- Includes a 2x2 radio with four omnidirectional, external SMA-type antennas
- Maximum TX power delivers 23 dBm and 5 dBi antenna gain
- IP67-rated sealed enclosure to protect from harsh environments
- One PoE+ port supporting up to 2.5 Gbps
- Max Data rate up to 1.2 Gbps on the 5 GHz band
- Max Data rate up to 547 Mbps available on the 2.4 GHz band

## PHYSICAL SPECIFICATIONS

|  | Property              |                                                                                                                                                                                                                               | Specification                                                                                 |                                                  |
|-----------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------|
|                                                                                   | Physical Dimensions   |                                                                                                                                                                                                                               | 190 mm x 124 mm x 52.5 mm (7.48 in x 4.07 in x 2.07 in)                                       |                                                  |
|                                                                                   | Weight                |                                                                                                                                                                                                                               | 4.07 kg (8.972 lb)                                                                            |                                                  |
|                                                                                   | Operating Temperature |                                                                                                                                                                                                                               | -20°C to 60°C (-4°F to 140°F)                                                                 |                                                  |
|                                                                                   | Operating Humidity    |                                                                                                                                                                                                                               | -5% to 90% non-condensing                                                                     |                                                  |
|                                                                                   | Storage Temperature   |                                                                                                                                                                                                                               | -40°C to 80°C (-40°F to 176°F)                                                                |                                                  |
|                                                                                   | Power Consumption     |                                                                                                                                                                                                                               | 15.9 W (max) / 11.65 W (avg)                                                                  |                                                  |
|                                                                                   | Chipset and RAM       |                                                                                                                                                                                                                               | Qualcomm IPQ6010-0 4-core A53 @ 1.8 GHz<br>Flash: SPI 8 MB<br>NAND: 256 MB<br>RAM: DDR3L 1 GB |                                                  |
|  | 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 weatherproof RJ-45                                                                 | 1/2.5 Gbps Gigabit Ethernet 802.3at Class 4 PoE+ |
|                                                                                   | Power                 | 802.3at (PoE+)                                                                                                                                                                                                                | N/A                                                                                           | N/A                                              |

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

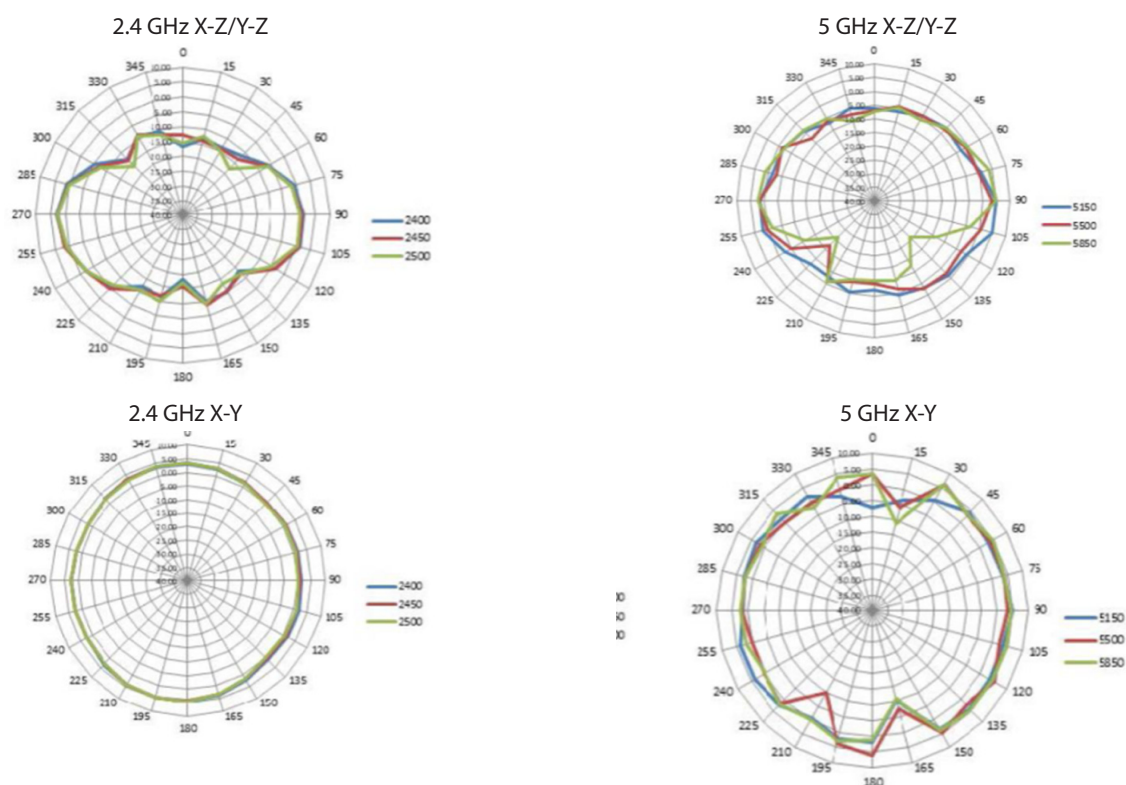
| IEEE 802.11b/g/n/ax         |                                      |                   |
|-----------------------------|--------------------------------------|-------------------|
| Frequency Band              | Transmission                         |                   |
|                             | USA & Canada (FCC/IC)                | Europe (ETSI)     |
|                             | 2400 ~ 2473.5 MHz                    | 2400 ~ 2483.5 MHz |
| Modulation Type             | DSSS, OFDM, OFDMA                    |                   |
| Peak Data Rates             | Up to 574 Mbps (MCS 0-15)            |                   |
| Antenna                     | Two 5 dBi external SMA-type antennas |                   |
| Maximum Transmit Power      | Up to 23 dBm and 5 dBi antenna gain  |                   |
| IEEE 802.11a/n/ac/ax        |                                      |                   |
| Frequency Band              | Transmission                         |                   |
|                             | USA & Canada (FCC/IC)                | Europe (ETSI)     |
|                             | 5.15 ~ 5.25 GHz                      | 5.15 ~ 5.25 GHz   |
|                             | 5.25 ~ 5.35 GHz                      | 5.25 ~ 5.35 GHz   |
|                             | 5.725 ~ 5.825 GHz                    | 5.47 ~ 5.725 GHz  |
| Dynamic Frequency Selection | DFS and DFS2                         |                   |
| Modulation Type             | OFDM, ODFMA                          |                   |
| Peak Data Rates             | Up to 1201 Mbps (MCS 0-15)           |                   |
| Antenna                     | Two 5 dBi external SMA-type antennas |                   |
| Maximum Transmit Power      | Up to 25 dBm and 5 dBi antenna gain  |                   |

## OPERATIONAL SPECIFICATIONS\*

|                                            |                                                                                                            |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Input Power                                | 802.3at (PoE+)                                                                                             |
| Number of Radios                           | 2 Wi-Fi Radios: One 2.4 GHz and 5 GHz radio each for simultaneous dual band client access                  |
| MIMO                                       | 2x2 for 2.4/5 GHz Radios                                                                                   |
| Number of Spatial Streams                  | 2 for 2.4/5 GHz Radios                                                                                     |
| RF Transmit Power                          | 22 dBm per radio chain (max); Actual power for Tx will depend on Country Regulatory Domain                 |
| Simultaneous MU-MIMO Clients               | 4                                                                                                          |
| Users in a MU-MIMO group with a 2x2 client | 2                                                                                                          |
| Bandwidth Agility                          | Yes                                                                                                        |
| Dynamic Frequency Selection                | Supported in compliance to all latest amendments from FCC, CE, IC, CB, TELEC, KCC regarding certifications |

\* The actual transmit power will be the lowest of the value specified in the Radio Settings, the maximum value allowed in the regulatory domain, or the maximum power supported by the radio.

## SIGNAL COVERAGE PATTERNS



## REGULATORY SPECIFICATIONS

| RF AND ELECTROMAGNETIC |                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Country</b>         | <b>Certification</b>                                                                                                                                                                                                                                                                                                                                  |
| USA                    | FCC Part 15.247, 15.407                                                                                                                                                                                                                                                                                                                               |
| Canada                 | IC                                                                                                                                                                                                                                                                                                                                                    |
| Europe                 | CE EN300.328, EN301.893<br>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                 |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Country</b>         | <b>Certification</b>                                                                                                                                                                                                                                                                                                                                  |
| USA                    | UL                                                                                                                                                                                                                                                                                                                                                    |
| Canada                 | cUL                                                                                                                                                                                                                                                                                                                                                   |
| European 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                                     | STANDARD<br>WI-FI | UNIFIED SECURITY<br>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 Updates                            | ✓                 | ✓                                   |
| 24-Hour Reporting/Visibility                | ✓                 | ✓                                   |
| Live Status Visibility                      | ✓                 | ✓                                   |
| WatchGuard Cloud API Integration for PSA    | ✓                 | ✓                                   |
| AP Site Templating                          | ✓                 | ✓                                   |
| Captive Portal                              | ✓                 | ✓                                   |
| Syslog Server Output                        |                   | ✓                                   |
| IKEv2 VPN Features (RAP)                    |                   | ✓                                   |
| 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.

## About WatchGuard Technologies, Inc.

WatchGuard® Technologies, Inc. is a global leader in unified cybersecurity. Our Unified Security Platform® approach is uniquely designed for managed service providers to deliver world-class security that increases their business scale and velocity while also improving operational efficiency. Trusted by more than 17,000 security resellers and service providers to protect more than 250,000 customers, the company's award-winning products and services span network security and intelligence, advanced endpoint protection, multi-factor authentication, and secure Wi-Fi. Together, they offer five critical elements of a security platform: comprehensive security, shared knowledge, clarity & control, operational alignment, and automation. The company is headquartered in Seattle, Washington, with offices throughout North America, Europe, Asia Pacific, and Latin America.

To learn more, visit [WatchGuard.com](https://www.watchguard.com).

## AP332CR



For additional details, talk to your authorized WatchGuard reseller or visit

[www.watchguard.com/wifi](https://www.watchguard.com/wifi)