

# AP330 INDOOR ACCESS POINT

2x2:2 OFDMA, 802.11ax support One 2.5 Gigabit Ethernet port, six integrated antennas, PoE+ power



WatchGuard's all-purpose Wi-Fi 6 access point is the ideal choice for mid-density indoor environments of all shapes and sizes to utilize the most secure WPA3 encryption for a seamless Wi-Fi 6 experience for end users to enjoy.

#### PERFECT FOR MID-RANGE DENSITY AND GROWING NETWORKS

The AP330 enables high-tra c areas to be supported with lightning-fast speed. Designed for indoor mid-range density, the AP330 delivers superior Wi-Fi 6 performance across distributed networks and is perfect for building a network that is easily scalable.

## **CLOUD-BASED MANAGEMENT**

You can manage the AP330 with WatchGuard Cloud.

WatchGuard Cloud delivers one simpli ed platform for Wi-Fi management to easily deploy, con gure, and report on one uni ed security platform. WatchGuard Cloud eliminates the need for any physical or virtual infrastructure requirements, with multi-tier and multi-tenant capabilities through a centralized WatchGuard Cloud management platform.

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, oor, customers, and remote users to maintain consistent policies across a distributed network.

#### CROSS-PLATFORM BENEFITS

- Simple VPN connectivity to a 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 image.
- · Enterprise authentication is delivered through easily managed WatchGuard Authentication Domains.
- · Centralized management to WatchGuard's portfolio of products such as AuthPoint, Firebox appliances, and endpoint solutions.

#### FEATURES & BENEFITS

- · Wi-Fi 6 and WPA3 encryption
- · Includes 2x2 radio optimized for Wi-Fi 6 with six omnidirectional internal antennas
- · Maximum TX power delivers 22 dBm and a 2 dBi antenna gain with one Ethernet port supporting up to 2.5 GBps
- · PoE power includes 12V/2A DC In, 802.3at (PoE+)
- · These Wi-Fi 6 access points deliver a maximum data rate for a seamless wireless experience by supporting up to 1201 Mbps on the 5 GHz band and 574 Mbps available on the 2.4 GHz band



#### PHYSICAL SPECIFICATIONS **Property** Speci cation Physical Dimensions 205 mm x 205 mm x 33.2 mm Weight 850 g (1.87 lb) Operating Temperature 0°C to 40°C (32°F to 104°F) Whitehiguard Storage Temperature -20°C to 65°C (-4°F to 149°F) Humidity 5% to 95% non-condensing Power Consumption 15.9 W (max) / 11.65 W (avg) Qualcomm® Cypress IPQ6010-0 Quad-core A53 @1.6 GHz with Processor RAM 1 GB RAM and 256 MB Flash Port Description Connector Type Speed/Protocol 3.5 mm overall diameter/ N/A Power 12V DC/802.3at (PoE+) 1.35 mm center pin/hole Pin hole push Hold down and power Reset to factory default settings Reset button cycle the device to reset Console port for serial connection to Console RJ-45 N/A the access point AC Power Reset Multigig Ethernet port used to USB LAN / PoE+ 1/2.5 Gbps Gigabit

connect to the wired LAN and

(PoE+) standard.

communicate with WatchGuard

Cloud. This port can also be used to power the device using the 802.3at

RJ-45

LAN /

PoE+

Console

Ethernet 802.3at Class 4

PoE+



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)	
	2400 ~ 2483.5 MHz	2400 ~ 2473.5 MHz	2400 ~ 2483.5 MHz	
Modulation Type	DSSS, OFDM, OFDMA			
Peak Data Rates	Up to 574 Mbps (MCS 0-15)			
Antenna	Integrated modular high e ciency PIFA antenna x4 (x2 per band)			
Maximum Transmit Power	20 dBm			
	IEEE 802.11a/n/ac/a	ах		
	Scanning	Transmission		
Frequency Band	All regions	USA & Canada (FCC/IC)	Europe (ETSI)	
	4.92 ~ 5.08 GHz 5.15 ~ 5.25 GHz 5.25 ~ 5.35 GHz 5.47 ~ 5.725 GHz 5.725 ~ 5.825 GHz	5.15 ~ 5.25 GHz 5.25 ~ 5.35 GHz 5.725 ~ 5.825 GHz	5.15 ~ 5.25 GHz 5.25 ~ 5.35 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	Integrated modular high e ciency PIFA antenna x4 (x2 per band)			
Maximum Transmit Power	21 dBm			

Physical Speci cations			
Antenna	Internal PIFA 2x2.4 GHz (2.5 dBi peak gain) 2x5 GHz (3.5 dBi peak gain) 2x2 dual band third radio (non-access)		
Ethernet Ports	One 2.5 Gigabit Ethernet port with RJ45 connector type. This port can also be used to power the device using the 802.3at (PoE+).		



OPERATIONAL SPECIFICATIONS		
Reset	Pinhole push button	
Input Power	12V DC/1.5A (3.5 mm overall diameter/1.35 mm center pin/hole)/802.3at (PoE+)	
Number of Radios	3 Wi-Fi Radios: One 2.4 GHz and 5 GHz radio each for simultaneous dual band client access. A third dual-band radio dedicated to non-access smart scanning; WIPS, RF optimization, remote troubleshooting, and network assurance functions.	
MIMO	2x2 for 2.4/5 GHz Radios	
Number of Spatial Streams	2 for 2.4/5 GHz Radios	
RF Transmit Power	20 dBm per radio chain (max); Actual power for Tx will depend on Country Regulatory Domain	
Simultaneous MU-MIMO Clients	Two 1x1 MU-MIMO clients	
Users in a MU-MIMO group with a 2x2 client	1	
Bandwidth Agility	Yes	
Dynamic Frequency Selection	Supported in compliance to all latest amendments from FCC, CE, IC, CB, TELEC, KCC regarding certications.	

## Note:

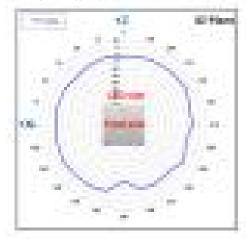
The actual transmit power will be the lowest of:

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

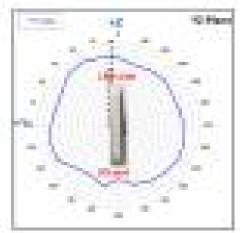


## INTERNAL ANTENNA RADIATION PATTERNS

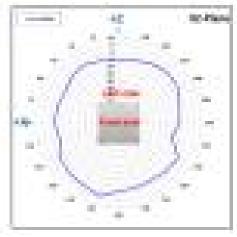
## 2.4 GHz Antenna



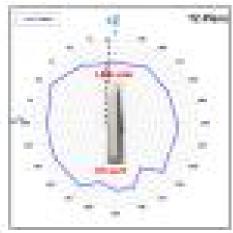




## 5 GHz Antenna







# **REGULATORY SPECIFICATIONS**

RF AND ELECTROMAGNETIC			
Country	Certi cation		
USA	FCC Part 15.247, 15.407		
Canada	IC		
Europe	CE EN300.328, EN301.893 Countries covered under Europe certi cation: 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	Certi cation
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 o ce to rugged, expansive outdoor environments - WatchGuard has a range of Wi-Fi 6 access points to t every wireless need. WatchGuard's Wi-Fi management license options enable capabilities that support the business needs being faced today and o er the exibility to evolve alongside the wireless needs of tomorrow.

MANAGEMENT LICENSE OPTIONS				
FEATURE	STANDARD WI-FI	UNIFIED SECURITY PLATFORM™ WI-FI		
Native WatchGuard Cloud Management Features	✓	✓		
24/7 Support and Hardware Warranty	✓	✓		
Inventory Management	✓	✓		
SSH/CLI Access	✓	✓		
Con guration of Radio Settings	✓	✓		
Con guration of SSID	✓	✓		
Con guration of Device Settings	✓	✓		
Firmware Updated	✓	✓		
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*		✓		

<sup>\*</sup> Features included in the Uni ed 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/wi\_.

## About WatchGuard Technologies, Inc.

WatchGuard® Technologies, Inc. is a global leader in network security, endpoint security, secure Wi-Fi, multifactor authentication, and network intelligence. The company's awardwinning 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 o ces throughout North America, Europe, Asia Paci c, and Latin America.

To learn more, visit WatchGuard.com.

## **AP330**



