AP130 INDOOR ACCESS POINT

Dual radio 2x2:2 OFDMA, Wi-Fi 6 (802.11ax)
4 internal antennas, 1 GbE port, 802.3ax PoE+ power

WatchGuard's AP130 access point adopts the latest generation of Wi-Fi 6 and rich WPA3 encryption, which is ideal to support low-density minimal indoor environments like a small office or remote work environments.

PERFECT FOR LOW-DENSITY ENVIRONMENTS

This is an ideal Wi-Fi 6 solution to support low-density indoor environments like a small office or remote workers. Secure WPA3 encryption enhances the Wi-Fi experience.

CLOUD-BASED MANAGEMENT

You can manage the AP130 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, 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, floor, 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 images.

- Enterprise authentication is delivered through easily managed WatchGuard Authentication Domains.

- Centralized management for WatchGuard's portfolio of products such as AuthPoint, Firebox, and endpoint solutions.

FEATURES & BENEFITS

- Wi-Fi 6 and WPA3 encryption

- Includes Wi-Fi 6 2x2 radio with four internal omnidirectional antennas

- Maximum TX power delivers 22 dBm and a 3 dBi antenna gain

- One PoE+ port supporting up to 1 Gbps

- Max Data rate up to 1.2 Gbps on the 5 GHz band

- Max Data rate up to 574 Mbps available on the 2.4 GHz band

- Qualcomm® Cypress IPQ6010-0 Cypress Quad-core A53 ARM processor at 1.6 GHz with 1 GB RAM and 256 MB Flash

PHYSICAL SPECIFICATIONS

Property	Specification
Physical Dimensions	160 mm x 160 mm x 33.2 mm
Weight	380 g (0.838 lb)
Operating Temperature	0˚C to 45˚C (32˚F to 113˚F)
Storage Temperature	-20˚C to 65˚C (-4˚F to 149˚F)
Humidity	5% to 95% non-condensing
Power Consumption	13.88 W (max) / 10.5 W (avg)
Processor RAM	Qualcomm® Cypress IPQ6010-0 Cypress Quad-core A53 ARM processor @1.6 GHz with 1 GB RAM and 256 MB Flash

Port	Description	Connector Type	Speed/Protocol
Power	12V/2A DC / 802.3at (PoE+)	5.5 mm overall diameter/ 2.1 mm center pin/hole	N/A
Reset	Reset to factory default settings	Pin hole push button	
LAN / PoE+	Gigabit Ethernet port used to connect to the wired LAN and communicate with WatchGuard Cloud	RJ-45	10/100/1000 Mbps Gigabit Ethernet

Reset   AC Power

LAN/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 0-11)		
Antenna	Integrated modular high efficiency PIFA antenna x4 (2 per band) 2.4 GHz Peak Antenna Gain: 3 dBi 5 GHz		
Maximum Transmit Power	20 dBm		

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

	IEEE 802.11a/n/ac/ax		
	Scanning	**Transmission**	
	All regions	USA & Canada (FCC/IC)	Europe (ETSI)
Frequency Band	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 0-11)		
Antenna	Integrated modular high efficiency PIFA omnidirectional antenna Peak Antenna Gain: 3.5 dBi		
Maximum Transmit Power	21 dBm		

OPERATIONAL SPECIFICATIONS

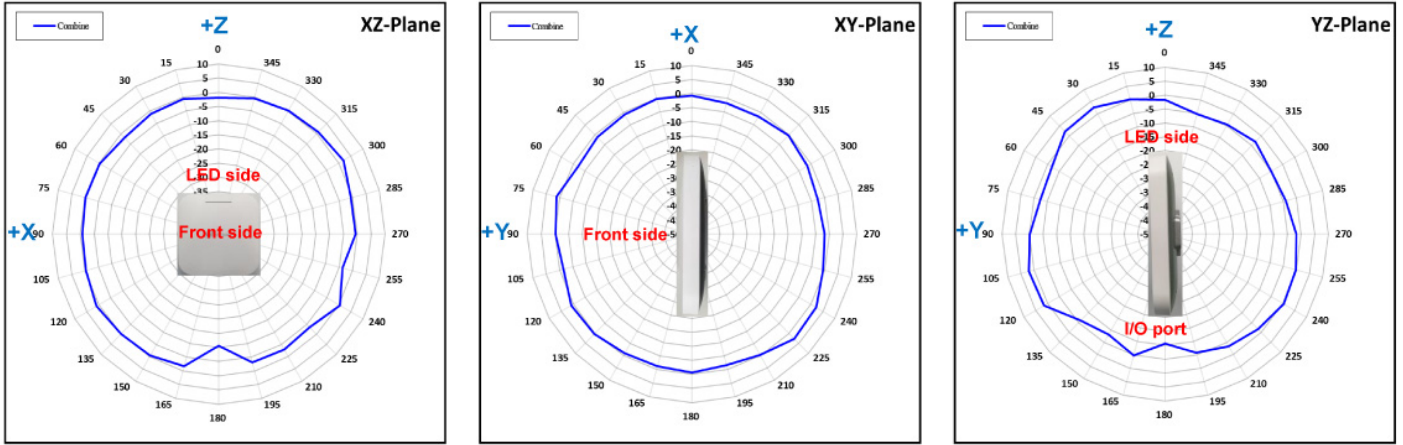|	
Input Power	12V DC/2A (5.5 mm overall diameter/2.1 center pin/hole)/802.3at (PoE+)
Number of Radios	2 radios; One 2.4 GHz and 5 GHz radio each for simultaneous dual band client access
Max Client Associations	512 clients per radio *dependent upon cases
MIMO	2x2 for 2.4/5 GHz Radios
Number of Spatial 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 Doman
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 certifications

Note:

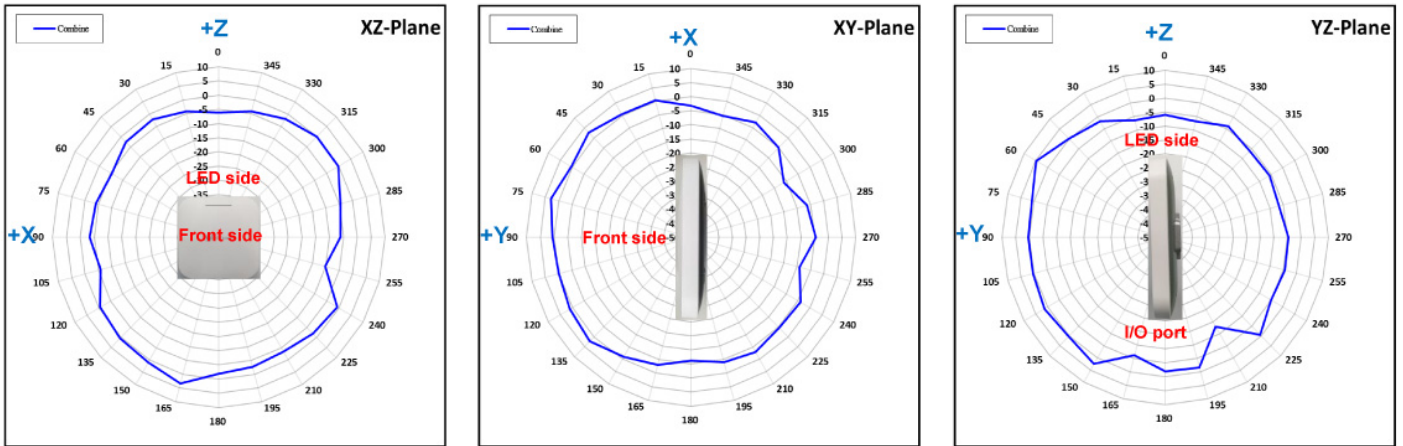The actual transmit power will be the lowest of:

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

INTERNAL ANTENNA RADIATION PATTERNS

2.4 GHz Antenna

5 GHz Antenna

REGULATORY SPECIFICATIONS

RF AND ELECTROMAGNETIC	
Country	**Certification**
USA	FCC Part 15.247, 15.407
Canada	IC
Europe	CE EN300.328, EN301.893 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	EN, RoHS

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**.

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.

AP130

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	✓	✓
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	✓	✓
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.

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