

cnPilot e430W Indoor **802.11ac Wave 2, Indoor Wall Plate**

The cnPilot e430W Enterprise class Indoor Wall Plate access point supporting 802.11ac Wave 2 standards based beamforming, is perfect for hotels and resorts (Hospitality), multi-dwelling units (MDUs) or just about any place indoor that needs a discrete wall mounted AP with multiple GigE ports to drive Indoor WiFi and wired port network access managed.

CONTROLLER MANAGED & AUTONOMOUS

Managed by Cambium's cnMaestro™ cloud controller or on-premises controller, the cnPilot e430W management includes:

- Zero touch onboarding
- Inventory tracking
- Monitoring
- Mass configuration
- Dashboard views with Alarms
- Mass upgrade
- Troubleshooting
- Wired Port Splash Page Access

CONTROLLER-LESS ROAMING. POWERFUL SIMPLICITY

The e430W supports seamless roaming for up to 1,000 clients without needing a controller in the network. Hotspot portal hosting on the AP itself offers controller-less simplicity.

MONETISE YOUR NETWORK

cnMaestro's Guest access feature supports splash page hosting, social login and payment gateway. These features, combined with the ability to create time, rate and volume limited traffic profiles along with



vouchers for temporary guest access makes the e430W ideal for Enterprise WiFi.

SERVICE AWARE WLANS. BETTER USER EXPERIENCE

Nothing is more frustrating than connecting to an access point, but not getting to the Internet. When connection to a critical resource such as an external Gateway or AAA is down, the e430W can turn off the impacted SSIDs enabling client devices to select a different working neighbouring access point.

INDOOR/OUTDOOR WI-FI MESH. FLEXIBILITY

Indoor meshing across multiple e430W's or Indoor/Outdoor meshing across the indoor e430W and an outdoor Cambium AP (like the e500), offers a convenient way to easily expand WiFi coverage without wires.

COVERAGE, CAPACITY. SPEED

The e430W packs a strong transmit power and the flexible controls needed to control transmit power for high density deployments. Throughput management via Airtime fairness, increased performance from Automatic channel scanning (ACS), and higher client device speeds from Band Steering ensure your e430W network can adapt to the dynamics of ever changing client profiles. Planned DFS certification ensures ability to use more of the 5GHz channels where DFS restrictions apply.

HIGH DENSITY, HIGHLY AVAILABLE

A capacity of 256 max concurrent client associations, and 16 SSIDs, along with dual on-board Active/Standby memory banks ensure the e430W combines high density with high availability.

LICENSE FREE HIGH PERFORMANCE. ONE LOW PRICE.

The e430W comes with option for a free cloud or virtual software controller, with no license fees. No hidden charges. Affordable. High Quality.

ACCESS POINT OVERVIEW

Standards	IEEE 802.11a/b/g/n/ac Wave 2 Other Standards: 802.11 h/d/r/u/w
MIMO Streams	2x2 MU-MIMO Streams
Max Concurrent Clients	256
Max Data Rates	1.3 Gbs, 867 Mbps (5GHz), 400 Mbps (2.4 MHz)
SSID	16 SSIDs across 2 radios
Max TX Power	22dBm at 2.4GHz and 21dBm at 5GHz
Antenna Gain	3 dBi (2.4GHz), 4 dBi (5GHz)
Multi-Hop Mesh	Yes. Supported on all cnPilot Indoor & Outdoor access points. Mesh auto-recovery supported.
Polarisation	Dual-Linear
Antenna Coverage	Omni (360°)
Ethernet Interfaces	Four (4) x 1 Gig E (10/100/1000 Mbps) shielded RJ45 ports. 2 x pass-through shielded RJ45 ports.
Frequency Bands	2.4GHz: 2400-2484 MHz 5GHz: 5150-5850 MHz with DFS band support
Power Source	PoE In: 802.3at compliant. PSE out port is enabled. PoE In: 802.3af compliant. PSE out port is disabled. Auxiliary 48 Vdc input power jack (DC input)
Power Consumed	12.95 W (max)
Dimensions	145 x 90 x 40mm
Weight	384 grams (0.384kg)
Temperature	0°C to + 40°C
LED	Single LED window with tri-colour LED
Physical Lock	Kensington Lock Slot