Item no.: 332528

PL-E425H00A-EU - cnPilot e425H Indoor Wave 2, Indoor Wall Plate AP

260,⁴⁰ EUR

Item no.: 332528
shipping weight: 0.30 kg
Manufacturer: Cambium Networks

📄 Product Description

cnPilot e425H Indoor Wave 2, Indoor Wall Plate AP

The Cambium Networks cnPilot e425H enterprise class indoor wall plate access point supporting 802.11ac Wave 2 standards based beamforming, is perfect for hotels and resorts, multi-dwelling units (MDUs) or just about any place indoor that needs a wall mounted AP with multiple Gig E ports to drive indoor Wi-Fi and wired port network access managed via portals.

Managed by Cambium Networks cnMaestro cloud controller or On- premises controller, the cnPilot e425H management includes:

- Zero touch onboarding
- Inventorytracking
- Monitoring
- Configuration
- Dashboard views with alarms
- Mass upgrade
- Troubleshooting
- Wireless and Wired port splash page guestportal managed via portals.

The e425H supports network wide seamless roaming for up to 1,024 clients. Host the hotspot portal on the AP for controller-less simplicity, or on cnMaestro for a powerful network wide portal.

Monetize your Wi-Fi service: cnMaestros guest access feature supports splash page hosting, social login and payment gateway for wired and wireless clients. Built-in power packed features available right on the controller. These features along with the ability to create time, rate and volume limited traffic profiles along with vouchers for temporary guest access makes the e425H ideal for hotels, coffee shops, campgrounds, and office guest Wi-Fi.

Nothing is more frustrating than connecting to an AP, but not getting to the internet because the WAN link is down. When connection to a critical resource such as an xternal Gateway or AAA is down, the e425H monitors the uplink Gigabit interface for network outage. If an outage is detected, the impacted WLANs are disabled enabling client devices to select a neighboring AP.

Meshing is supported across e425Hs as well as with any other indoor or outdoor Cambium Networks AP Enterprise AP, for a convenient way to expand Wi-Fi coverage without laying out cabling.

The e425H packs strong transmit power and the flexible controls needed to control transmit power for high density deployments. Throughput management via airtime fairness, increased performance from autoRF, and higher client device speeds from band steering ensure your e425H network can adapt to the dynamics of ever changing client profiles.

A capacity of 100 max concurrent client associations, and 16 SSIDs, along with dual on-board Active/Standby memory banks ensure the e425H combines high density with high availability.

All cnPilot access points offer total management flexibility. The e425H can be managed as a standalone access point, from an on-premises cnMaestro controller, or a cloud accessed cnMaestro account. cnPIlot access points also support AutoPilot, allowing one AP to be a controller for a small network.

The e425H package comes with a singlegang wall mount bracket. Optional accessories also include on-wall and dual gang wall bracket.

Access Point Specifications

- US-FCC: 2400 – 2484 MHz, 5150 – 5250 MHz
- Industry Canada (ISEDC: 2400 – 2484 MHz, 5725 – 5850 MHz
- EU-ETSI: 2400 – 2484 MHz, 5150 – 5250 MHz
- ROW (individual country limits may apply. Consult DoC): 2400 – 2500 MHz, 5150 – 5850 MHz
- SSID Security: WPA2 (802.11i), WPA2 Enterprise (802.1x/EAP), WPA PSK, Open
- Max Phy Rate: 2.4 GHz radio: 300 Mbps; 5 GHz radio: 867 Mbps
- Ethernet Ports: Three IEEE Gigabit Ethernet auto sensing; One GE is 802.3af PSE port
- Antenna: Integrated dual polarized, omnidirectional; 4dBi (2.4GHz) 4.29dBi (5GHz)
- Max EIRP: 2.4 GHz: 25 dBm; 5 GHz: 25 dBm
- Mount Options: Standard mount single gang J-box bracket included, dual gang J-box bracket and flush box optional
- Power: Typical, no PSE load: 9w; Typical, with 802.3af PSE load: 25w; Power 802.3af or 802.3at PD; PSE port: 802.3af with input 802.3at

Physical/Environmental

- USB 2.0
- Size: 147 mm x 94 mm x 3 2mm
- Weight: 268g
- Kensington lock slot, secure bracket
- Tri-color status LEDs
- ambient op temp: 0C - + 40C
- storage temperature: - 40 C - + 70 C , 95% RH non-condensing
- MTBF: 249k (at) 45c
- Certifications WiFi Alliance 80211a/b/g/n/ac, PP2.0 in process, FCC, ETSI, CE, EN 60601-1-2, IEC60950

WLAN and network specifications

- Controller mode: Controller-less standalone; AutoPilot heterogeneous network ;Cloud managed cnMaestro; On-premises cnMaestro VM
- WLAN: 100 clients, 16 SSIDs; WPA-TKIP, WPA2 AES, 802.1x; 802.11w PMF
- Captive Portal: Hosted on cnMaestro Controller; On-AP hosted guest portal; Redirect to HTTP/RADIUS; Server DNS logging
- Authentication: Hotspot 2.0/Passpoint 2.0; 802.1x EAP-SIM/AKA, EAP-PEAP, EAP-TTLS, EAP-TLS; MAC authentication to local database or external RADIUS

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability