

CAMBIUM E410 INDOOR Wi-Fi ACCESS POINT DATASHEET

Overview

The Cambium cnPilot E410 is an enterprise-grade, plenum-rated indoor Wi-Fi 5 access point that delivers reliable and high-performance wireless connectivity. This AP supports 802.11 a/b/g/n/ac Wave 2 standard with dual-band operation on both the 2.4 GHz and 5 GHz spectrums with 2x2 MU-MIMO technology, maximizing speed and efficiency for multiple simultaneous clients.

FIGURE 1: APPEARANCE OF Cambium E410



TABLE 1: QUICK SPECS OF Cambium E410

SKU	PL-E410X00B-RW c
Description	Indoor Wi-Fi Access Point with 2x2 MU-MIMO
Wifi standard	802.11 a/b/g/n/ac Wave 2
Dimensions	180 mm x 180 mm x 42mm (7.09 in x 7.09 in x 1.65 in)
Antenna	Internal Omni-Directional

FIGURE 2: FRONT PANEL OF CAMBIUM E410 AP



FIGURE 3: BACK PANEL OF CAMBIUM E410 AP



Cambium E410 AP provides these features:

1.High-Density Scalability

The Cambium E410 AP supports up to 256 concurrent users and 16 SSIDs (8 per radio), enabling seamless handling of growing networks in demanding environments without performance degradation, ideal for campuses or offices.

2.Cost-Effective Cloud Management

This AP leverages cnMaestro cloud/on-premises controller with zero-touch onboarding, inventory tracking, and no licensing fees, simplifying deployment and reducing TCO for large-scale networks up to thousands of devices.

3.Seamless Roaming and Uptime

This AP is embedded with controller-less roaming for up to 1,000 clients with 802.11r/OKC support, plus automatic SSID shutdown on resource failure, ensuring uninterrupted connectivity and high availability in dynamic settings like hospitality venues.

4.Optimized RF Performance

This AP features airtime fairness, Automatic Channel Scanning (ACS), and band steering for interference avoidance and balanced throughput (up to 1.167 Gbps), adapting to changing client behaviors for consistent speeds in high-interference areas.

5.Easy Expansion and Reliability

It provides Indoor/outdoor meshing (up to 3 hops) and plenum-rated design with dual memory banks for failover, allowing wire-free coverage extension and robust operation in diverse applications like healthcare or events.

SPECIFICATIONS

Cambium E410 Specification	
MODEL NUMBER	E410
WIFI STANDARD	802.11 a/b/g/n/ac
WEIGHT	384 g (0.85 lb)
DIMENSIONS (W x H x D)	180 mm x 180 mm x 42mm (7.09 in x 7.09 in x 1.65 in)
RADIOS	1 x 5 GHz radio (802.11 a/n/ac Wave 2), 2x2 1 x 2.4 GHz (802.11 b/g/n), 2X2 SU-MIMO / MU-MIMO: 2 streams

MAX EIRP	2.4 GHz: 29.50 dBm 5 GHz: 30 dBm (EIRP limited by country regulations)
MAX PHY RATE	2.4 GHz: 400 Mbps 5 GHz: 867 Mbps
ANTENNA	INTERNAL OMNI- DIRECTIONAL
ANTENNA GAIN	2.4 GHz: 5.24 dBi 5 GHz: 5.47 dBi
WLAN	256 clients per radio, 32 SSIDs (16 per radio) WPA-TKIP, WPA2 AES, 802.1x, 802.11w PMF
SSID SECURITY	WPA2 (802.11i), WPA2 Enterprise (802.1x/EAP), WPA PSK, Open
OPERATING TEMPERATURE	0°C to 50°C (32°F to 122°F)
STORAGE TEMPERATURE	-40°C to 70°C (-40°C to 158°F)
HUMIDITY	95% RH non-condensing
MOUNTING	Desktop, Wall, cieling tile mount - included T-bar mount 14 mm x 24 mm x 38 mm (0.55 in x 0.94 in x 1.5 in) Ceiling Tile mount included Kensington lock slot
POWER CONSUMPTIONS	802.3af powered device 9 W – 11.5 W
LED	Single Tri-color LED (amber, blue, green)
MTBF	1.5m hours
CERTIFICATIONS	Wi-Fi Alliance 802.11 a/b/g/n/ac, Passpoint 2.0 FCC, ETSI, CE, EN 60601-1-2, IEC62368 UL2043

Why Insight Infosys.com

We design and deploy full-stack ICT architectures — from edge to core, on-prem to cloud with a focus on networking, virtualization, cloud services, and cybersecurity services.

Since 2010, we have built partnerships with global leaders like:

Cisco - Juniper - MikroTik - Cambium - Fortinet - SonicWall - Palo Alto - Sophos - Aruba - Ubiquiti - Mimosa

What Sets Us Apart:



**1500 +
Completed
Projects**



**250 +
Trusted
Clients**



**Partners
With Global Leading
Tech Vendors**



**Competitive
Affordable
Pricing**



**24/7
Tech
Support**

CONTACT US

Insight Technology Pvt. Ltd.

Email: care@insightinfosys.com

Phone: +977 1 5268730, 9801148543

Address: Steel Tower, Jawalakhel, Lalitpur