

## Cambium Network cn Pilot e700 Outdoor Access Point

### Overview

The Cambium cnPilot e700 is a high-performance outdoor Wi-Fi 5 access point designed for demanding environments. It features gigabit throughput with 802.11ac Wave 2 and 4x4 MU-MIMO, delivering reliable and fast connectivity for up to 512 concurrent clients. The rugged IP67-rated enclosure and extended temperature range ensure durable operation in harsh outdoor conditions. Advanced RF management, dual gigabit Ethernet ports with PoE out, and enterprise-grade security provide optimized coverage, scalable deployment, and robust protection.

**FIGURE 1: APPEARANCE OF cn Pilot e700**



**TABLE 1: QUICK SPECS OF CAMBIUM cn Pilot e700 AP**

SKU	PL-E700X00A-RW
Description	802.11ac Wave 2 Internal Antenna Outdoor Wi-Fi Access Points
Wifi standard	802.11 a/b/g/n/ac
Dimensions	315 mm x 215 mm x 66 mm (12.4 in x 8.46 in x 2.6 in)
Antenna	Internal omni-directional 2.4 GHz: 8 dBi 5 GHz: 8 dBi

FIGURE 2: FRONT PANEL OF CAMBIUM cn Pilot e700 AP



FIGURE 3: BACK PANEL OF CAMBIUM cn Pilot e700 AP



**CAMBIUM cn Pilot e700 AP provides these features:**

### **1.High-Capacity Performance**

It supports 512 concurrent clients with 802.11ac Wave 2 technology and 4x4 MU-MIMO, delivering gigabit-class throughput ideal for dense outdoor environments.

### **2.Rugged Outdoor Durability**

It features an IP67-rated enclosure with UV protection and an extended operating temperature range (-40°C to 65°C), ensuring reliable all-weather outdoor operation.

### **3.Advanced RF Management**

It includes standards-based beamforming, dynamic channel selection, automatic power control, and band steering to optimize wireless quality and range even in high-interference settings.

### **4.Dual Gigabit Ethernet with PoE Out**

It provides two gigabit Ethernet ports with link aggregation support and an auxiliary PoE out port to power additional devices, simplifying deployment and reducing infrastructure costs.

### **5.Seamless Mesh and Backhaul Integration**

It supports rapid multi-hop mesh network setups, dedicating radios for simultaneous client access and mesh backhaul, enabling flexible and scalable wireless topology.

### **6.Enterprise-Grade Security and Management**

It offers WPA2 encryption, 16 SSIDs, captive portal, wireless intrusion detection, and centralized cloud or on-premises management with cnMaestro for streamlined network control.

Cambium cn Pilot e700 Specification	
MODEL NUMBER	cn Pilot e700
WIFI STANDARD	802.11 a/b/g/n/ac
WEIGHT	1,700g (3.75 lbs)
DIMENSIONS (W x H x D)	315 mm x 215 mm x 66 mm (12.4 in x 8.46 in x 2.6 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: 33 dBm 5 GHz: 36 dBm
MAX PHY RATE	2.4 GHz radio: 400 Mbps 5 GHz radio: 1733 Mbps
ETHERNET	2 IEEE Gigabit, auto sensing 1 port with Cambium 30V or 48V PoE Out
ANTENNA GAIN	Internal omni-directional 2.4 GHz: 8 dBi 5 GHz: 8 dBi
WLAN	512 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	-40°C to 65°C
STORAGE TEMPERATURE	-40°C to 70°C
HUMIDITY	95% RH non-condensing
MTBF	700k hours
POWER CONSUMPTIONS	802.3at powered device Or 60 W Injector for max load with power-out Typical load: 18W, Max: 25W 40W when connected to full 802.3af load on GE 2 Canopy power out or 802.3af
LED	Two single color status LED
FILTER LTE BAND	38, 40
MOUNT OPTIONS	Integrated pole 38 mm and 76 mm (1.5 in and 2.99 in) , wall mount
CERTIFICATIONS	Wi-Fi Alliance 802.11a/b/g/n/ac, Passpoint 2.0 FCC, ETSI, CE, EN 60601-1-2, IEC60950 UL2043

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## CONTACT US

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