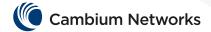**purdicom**
PURE DISTRIBUTION

Cambium Networks

cnPilot e700 Outdoor
Gigabit IP67, 802.11ac Wave 2, 8 dBi Outdoor Access Point

With standards-based beam forming, the e700 is perfect for high density applications such as Enterprise and Industrial campuses, Hospitality, Higher Education and Public WiFi applications – any place requiring cost-effective, controller managed WLAN access points.

OPERATIONAL SUPERIORITY

Supporting 512 max concurrent clients, 16 SSIDs, WPA-2 encryption, Meshing, Dynamic VLANs, DFS channels, Access control lists (ACL), Zero touch provisioning, and more, the e700 802.11ac wave 2 IP67 weather resilient outdoor access point is perfect for today's demanding high density outdoor WiFi networks.

HIGH PERFORMANCE WIFI NETWORK

Standards-based beam forming, on 5GHz over a 4x4 Tx/Rx antenna array, can steer beams to target client devices, delivering superior performance under high interference RF environments in both downlink and uplink directions. The cnPilot e700 access points support features including: • Controller-less roaming • Dynamic Channel Selection • Automatic Transmit Power Control. Essential features for superior WiFi operations.

MESH FLEXIBILITY

Rapidly set-up multi-hop mesh networks either dedicating one radio (e.g. 5GHz) for mesh backhaul, or using both bands for client access at the same time.

DESIGNED FOR THE OUTDOORS

• 802.11ac, 512 users, 16 SSIDs

• Omni antenna

• UV rated IP-67 enclosure

• Operating Temp: -40°C ~ +65°C

• Operating Humidity: 10% to 95%

• Electrical Heater for cold start

• Ruggedised: ESD protection, industrial-grade components

• Packaged with wall mount brackets

• Special LTE resilience filtering

• 315 x 215 x 66mm, 1.7 kg

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WIRELESS BACKHAUL PERFORMANCE

The aux PoE port on the e700, offers PoE eliminating the need for a second power line – perfect for powering on a standard 802.3af camera wen security monitoring is needed near the hotspot.

FORWARD THINKING RESILIENCE

Dual on-board Active/Standby memory banks ensure higher availability. The e700 can store two versions of the software – defaulting to a working operational software if needed, reducing the likelihood of site visits and increasing network up-time.

ACCESS POINT OVERVIEW

Frequency Bands	2.4GHz: 2.4-2.4835
	            Channels 1 -13 (ETSI/CE)
	            Channels 1-11 (US)
	5GHz: 5:15-5:85 GHz

SSID Security	WPA-2 (802.11i): WPA2-Enterprise (802.1x/EAP) & WPA2-Preshared-keys, Open
Max SSID	16
Max Concurrent Clients	512
Max Data Rates	2.4GHz; 400Mbps, 5GHz: 1733Mbps
Ethernet Ports	Dual Gigabit Ethernet ports (2 x 10/100/1000Base-T)
Antenna	Integrated Omni
Antenna Gains	8 dBi (2.4GHz and 5GHz)
Power Supply	60W Gigabit passive PoE injector
PoE Out	Aux port: capable of 802.3af Power out or Canopy power (for supported Cambium ePMP or PMP450 SMs)
Transmit Power	25dBm @ 2.4GHz 28dBm @ 5 GHz
Power Consumed	Typical: 18W Max: 24.6W
Dimensions (CM)	315 x 215 x 66 mm (without bracket)
Weight	3.174 lbs (1700 gms) without bracket
Operating Temperature	-30℃ ~ +65℃ (when aux PoE out port is not used) or -40℃ ~ +60℃ (when aux PoE out port is used)
Operating Humidity	10% ~ 95%
Mounting Options	Pole mount bracket (included) or wall-mount (with included bracket or without)
LTE Co-Existence	Special filter for rejecting interference on 2.4 GHz from adjacent LTE bands 38, 40
Physical Security	Kensington Lock bracket
Visual Status	Two (2) multi-color LEDs indicating Access Point & cnMaestro connectivity status