

cnPilot e600 Indoor

Gigabit 802.11ac Wave 2 Dual Band 4x4 Indoor Access Point

The high powered, Gigabit speed, beamforming, Multi-user MIMO (MU-MIMO) 802.11ac wave 2 e600 access point with a 4x4 array antenna array implements the latest standards. Perfect for just about any place needing high capacity throughput, high range, and/or high client capacity. Ideal to take on high traffic demand in Classrooms in Schools, Indoor Public Spaces, Malls, Hotels, or Enterprise offices.

CONTROLLER MANAGED & AUTONOMOUS

Managed by Cambium's cnMaestro™ cloud controller or on-premises controller, the cnPilot e600 management includes: • Zero touch onboarding • Inventory tracking • Monitoring • Mass configuration • Dashboard views with Alarms • Mass upgrade • Troubleshooting • Hierarchical device organisation

CONTROLLER-LESS ROAMING. POWERFUL SIMPLICITY

The e600 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 e600 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 e600 can turn off the impacted SSIDs enabling client devices to select a different working neighboring access point.

INDOOR/OUTDOOR WI-FI MESH. FLEXIBILITY

Indoor meshing across multiple e600's or Indoor/Outdoor meshing across the indoor e600 and the outdoor e500 - offers a convenient way to easily expand WiFi coverage without wires.

COVERAGE, CAPACITY. SPEED

The plenum rated e600, packs a max transmit power of 28 dB, and is DFS certified to make use of additional reserved 5GHz DFS channels, offering more flexibility for both coverage and capacity. Throughput management via Airtime fairness, increased performance by Automatic channel scanning (ACS), and higher client device speeds from Band steering ensure your network can adapt to the dynamics of ever changing client behaviours.

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 e600 combines high density with high availability.

LICENSE FREE HIGH PERFORMANCE. ONE LOW PRICE.

The 802.11ac wave 2 e600 comes with a free controller, and no AP management license fees. One of the most competitively priced 4x4 Access Points.

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 (2.4 GHz), 4x4 (5GHz) MIMO Streams
Range	250 m (800 Ft)
Max Concurrent Clients	512
Max Data Rates	1.85Gbs (3,846Mbps)
SSID	16 SSIDs across 2 radios
Standards	4.55 dBi (2.4GHz), 4.25 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°)
USB	Yes
Bluetooth Radio	Yes. BLE
Ethernet Ports	Two (2) x 1 Gigabit Ethernet (10/100/1000 Mbps)
12 V DC Input	Yes
Frequency Bands	2.4GHz: 2400-2484 MHz 5GHz: 5150-5850 MHz with DFS band support
Power Supply	Standard 802.3at injector (supplied), 802.3at PSE, 802.3af PSE (limited performance), 12V dc adapter (accessory or PoE switch)
Power Consumed	22W (max)
Dimensions	180 x 180 x 42mm (18x18x4.2cm)
Weight	400 grams
Temperature	0°C to + 50°C
LED	Single LED window with tri-colour LED (Amber, Blue, Green)
Max TX Power	+22 dBm
Physical Lock	Kensington Lock Slot