

## ABOUT CAMBIUM NETWORKS

Cambium Networks is a leading global provider of wireless connectivity solutions that strengthen connections between people, places and things. Specializing in providing an end-to-end wireless fabric of reliable, scalable, secure, cloud-managed platforms that perform under demanding conditions, Cambium Networks empowers service providers and enterprise, industrial and government network operators to build intelligent edge connectivity. Cambium Networks' commitment to continuous innovation in wireless access is demonstrated in the millions of radios deployed in thousands of networks that benefit communities around the world. Team members also contribute to social responsibility activities to serve the communities in which they live. Headquartered outside Chicago and with R&D centers in the U.S., U.K. and India, Cambium Networks sells through a range of trusted global distributors.

[www.cambiumnetworks.com](http://www.cambiumnetworks.com)

### *India Office*

Cambium Networks Consulting Private Ltd  
5th Floor, Quadrant 1, Umiya Business Bay, Tower 2, Outer Ring Road,  
Kadubisenahalli, Varthur Hobli Road, Bangalore East  
Taluk, Bangalore- 560037  
+91 80 67333100

### *San Jose Office*

2010 N. 1st Street, Suite 400  
San Jose, CA 95131 USA

### *Thousand Oaks Office*

2101 Corporate Center Dr # A  
Newbury Park, CA 91320 USA

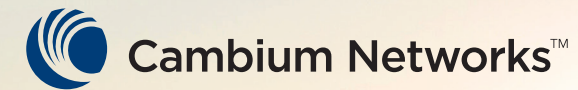
### *US Office*

3800 Golf Road, Suite 360.  
Rolling Meadows, IL 60008 USA  
+1 888 863 5250

### *UK Office*

Unit B2, Linhay Business Park,  
Eastern Road, Ashburton, United Kingdom, TQ13 7UP  
+44 1364 655500

Copyright © 2019 Cambium Networks, Ltd.



# cnPilot™ Cloud-Managed Wi-Fi Solutions

ENTERPRISE AND RESIDENTIAL COVERAGE | ENTERPRISE ETHERNET SWITCHING

| MULTI-SITE CLOUD MANAGEMENT





## Wi-Fi Solutions that **PERFORM AND DELIVER A SOLID ROI**

Network operators and Managed Service Providers (MSP) are looking for coverage and capacity that consistently satisfies users in a system solution with affordable access point hardware and optional recurring license fees. With cnPilot solutions, network operators have more options in equipment, choice in architecture and more control over recurring costs. Cambium Networks has a comprehensive solution for the edge/access layer of your deployment.

- **Multi-Site cloud controller** with zero-touch provision for Ethernet Switch + Wi-Fi
- **Enterprise Grade** Layer 2 & Layer 3 switching + Enterprise Wi-Fi
- **Policy based Automation** for edge device configuration
- Limited **Lifetime Warranty** & Enterprise Class Support
- **Attractive TCO** with zero-cost essential management

**Equipment Options** – select the Access Point to the use case. Manage the entire network with the cnMaestro™ management system.

	INDOOR			OUTDOOR					
Enterprise Access Points									
	<b>e425 / e430</b> Wallplate 11AC 2X2 MIMO wave 2	<b>e410</b> Ceiling 11AC 2x2 wave 2	<b>e600</b> Ceiling 11AC 4x4 wave 2	<b>e700</b> Outdoor 11AC 4x4 wave 2	<b>e500</b> Outdoor 11AC 2x2 wave 1	<b>e501S</b> Outdoor 11AC 2x2, 120° Sector	<b>e502S</b> Outdoor 11AC 2x2, 30° Sector	<b>e505</b> Outdoor 11AC Small Form Factor	<b>e510</b> Outdoor 11AC Rugged Design
Network Controller									
	cnMaestro Cloud			cnMaestro VM			cnMaestro c4000		
ISP managed Residential Access Point/Router									
	<b>r190</b> 11n, 2.4GHz Voice optional			<b>r201</b> 11ac, dual band With Voice, PoE optional			<b>r195</b> 11ac 2x2 dual band		

“Today, from a technical point of view, everything is standardized and under centralized management. It’s all very simple to administer and offers us a great operating flexibility. From the users’ side, the Wi-Fi infrastructure has become almost transparent. They don’t have to go through inconvenient failures and worry about maintenance anymore, everything is remotely managed.”

– Aurélie Challes, Head of Technical Services for the Coutances mer et bocage community

### Enterprise Features make it easy to **DEPLOY LARGE NETWORKS WITHOUT A LARGE IT STAFF**

- Multi-Site and High Density networks
- Zero-touch adoption and provisioning - The administrator enters the serial number and tags an AP group and the network is live - no need to configure the AP – it automatically finds the cloud controller, gets adopted to the correct account and site, and downloads its configuration
- Monitor the network RF including noise and signal strength 24/7

#### PROVISION, REPORT, SERVICES

- Automatic, secure cloud adoption
- Central policy and access control
- Dashboard network KPIs
- Integrated help desk tools

#### Services

- Centrally managed guest portal
- Guest portal payment integration and services management

#### NETWORK & RF OPTIMIZED

- Interference detect and mitigation
- Channel utilization scan
- Noise level scan
- Off-channel scan control
- Automatic max power control

- Datarate pruning
- 802.11 k/r/v
- Seamless roaming

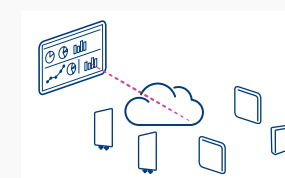
- Controller assisted roam across VLANs
- Enhanced roam & RF-fence

#### HIGH CAPACITY BY DESIGN

- High efficiency antennas
- Best in class receiver sensitivity
- Integrated mounting brackets
- MESH, auto-MESH

### Choice in Architecture - Powerful, Flexible Management Options that **MANAGE THE ENTIRE NETWORK FROM A SINGLE PANE OF GLASS**

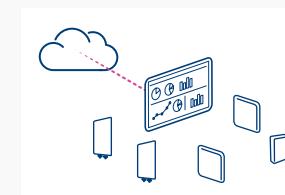
Each option has the same User Interface and Features



#### SINGLE CLOUD DASHBOARD

Automatic backup, cloud redundancy, high availability

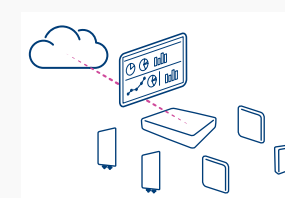
- Cambium Cloud hosted with scalable computing resources
- Redundant message bus, redundant database



#### PRIVATE DATA CENTER/ON PREMISES

Integrate with existing datacenter or large campus controller

- Customer provided server
- 12-core vCPU, 64GB DRAM supports up to 15,000 managed devices



#### ON PREMISES c4000 APPLIANCE

Simplifies the task of building VM server. Quick deployment of on-site controller.

- 1RU, rack mount
- 50 APs per appliance
- 200 APs with Pro subscription. 10,000 clients

### Control Costs – cnPilot solutions from Cambium Networks **TAKE THE RISK AND COST OUT OF PROVIDING RELIABLE WI-FI:**

- Affordable access point hardware
- Zero cost essential network management
- Zero firmware cost support and licenses