

cnPilot Home & Business

R200P, R201, R201P

cnPilot Home & Small Business is a suite of 802.11ac and 802.11n home WiFi network access points supported by cnMaestro™ to provide end-to-end lifecycle administration, remote configuration, monitoring, and upgrades. With cnPilot WiFi access points and cnMaestro management, customer satisfaction is increased while network administration and maintenance costs decrease.

CONTROLLER MANAGED & AUTONOMOUS

Backed by Cambium's cnMaestro™ cloud controller or on-premises controller, offering end-to-end visibility of the network and customer devices including:

- Zero touch onboarding
- Monitoring
- Dashboard views with Alarms
- Multiple management options including cloud-based, TR-069, SNMP and an enriched set of restful interfaces.

HIGHLY INTEGRATED

The WLAN routers simplify the indoor home network - providing everything in one box, avoiding commonly occurring hurdles after assembling components together from different manufacturers.

END-TO-END TROUBLESHOOTING

Single dashboard view and rich statistics ensure rapid root cause detection and issue resolution. One-click functionality reveals the health of all network nodes related to the problem area. Remote troubleshooting



on any WLAN from a single console, reduces site visits to debug wired or wireless connectivity configurations.

MULTIPLE SSID'S

Enables service providers to offer SSIDs across their network as users travel from home, to outdoor public hotspot and to local business / small enterprise or campus. This allows network operators to promote their brand throughout their customers' daily journeys.

SPECIFICATIONS

Features	R200P	R201	R201P
WAN	1 x 10/100BaseT, RJ45	1 x GigE, RJ45	
LAN	4 x 10/100BaseT, RJ45	4 x GigE, RJ45	
WiFi	2x2 Single band 11n 2.4GHz	2x2 Dual band 11ac 2.4GHz (11n) and 5GHz (11ac)	
ATA - for Voice	✓	✓	✓
PoE Output: Powering Cambium's PM 450 and ePMP Subscriber Module	✓		✓
SSID's (4 per radio)	4	8	
Network			
PROTOCOL - DHCP/PPPoE/Static IP	✓	✓	✓
PPTP/ L2TP VPN	✓	✓	✓
Dynamic DNS/DNS SRV (RFC 1706 and RFC 2782)	✓	✓	✓
NAT Traversal (Static NAT Route or by STUN)	✓	✓	✓
DHCP Client and DHCP server	✓	✓	✓
MAC Address Clone	✓	✓	✓
IP Conflict Detection	✓	✓	✓
ROUTE MODE Route/ Bridge, customer configurable Support IEEE 802.1Q VLAN/802.1p Layer 3 (DCSP) settings for SIP, RTP and Data	✓	✓	✓
QUALITY MODE Support IEEE 802.1Q VLAN/802.1p Layer 3 (DSCP) settings for SIP, RTP and Data	✓	✓	✓
Wireless Interfaces			
PROTOCOL	802.11 b/g/n	802.11 b/g/n/ac	
SECURITY WEP, WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP), WPA2-PSK (AES), Mixed Mode	✓	✓	✓
OTHERS AP isolation, MBSSID AP isolation, WMM, MAC filter, WDS, WPS	✓	✓	✓
Network Management			
Integrated Management CnMaestro Cloud Based Management for Configuration, Provisioning and daily Monitoring	✓	✓	✓
Configuration - Web GUI interface	✓	✓	✓
Auto Provisioning - TFTP, HTTP	✓	✓	✓
SNMP - SNMP v2	✓	✓	✓
ADMIN - Administrator and User	✓	✓	✓
ALT MGMT - TR069	✓	✓	✓
SYSLOG - Local, Remote	✓	✓	✓
Power Supply			
AC/DC ADAPTOR	AC INPUT: 100-240V, 50-60 Hz DC OUTPUT: 12V, 2A		
Environmental			
Weight	0.75 kg	0.8 kg	
Dimensions mm (H x W x D)	180 x 110 x 30	175 x 155 x 35	
Regulatory			
EMC- FCC part 15B Class B, ETSI EN 301 489-1, ETSI EN 301 489-17, EN61000-6-1, EN61000-6-3, CE, RoHS	✓	✓	✓
SAFETY - IEC 60950-1, UL 60950-1, EN 60950-1	✓	✓	✓