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## cnPilot Home & Small Business Wireless Router Release Notes

For: R200x and R201x

System Release 4.1

Sections included:

- Supported Platforms
- Supported Features
- Known Issues and Limitations
- Technical Support

## Introduction

This document provides information for the Cambium Networks cnPilot R200/R201 System Release 4.1

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## Overview

The cnPilot Home & Small Business router with VoIP is a managed device (that yet has the ability to act as a stand-alone router if desired). In addition to WiFi, this product provides high quality voice calls as well as the optional ability to power Cambium's ePMP series subscriber module or the PMP450 series subscriber module by supporting Cambium's (Canopy) PoE. For voice calls, the product is fully compatible with the SIP industry standard and is able to interoperate with many other SIP devices and software on the market.

## Supported Platforms

The following table provides details on the supported platforms:

Port / Interface	cnPilot Home R200	cnPilot Home R200P	cnPilot Home R201	cnPilot Home R201P	cnPilot Home R201W
WAN	1xFE in RJ45		1xGE in RJ45		
LAN	4xFE in RJ45		4xGE in RJ45		
Wi-Fi	2X2 2.4GHz 802.11 b/g/n		2X2 2.4GHz 802.11 b/g/n (300 Mbps)		
	No		2X2 5GHz 802.11ac (867 Mbps)		
USB	1X USB 2.0		1X USB 2.0		
VoIP	2xFXS in RJ11		2xFXS in RJ11		No
Cambium PoE (Power over Ethernet) Out	No	Yes	No	Yes	Yes
Power Adapter	12V/2A	12V/3A	12V/2A	12V/3A	12V/3A
cnMaestro Managed	Yes	Yes	Yes	Yes	Yes

## Features Supported in this Release

The following table lists the features that are supported in this release of cnPilot R200/201:

Feature	
Wireless	<ul style="list-style-type: none"> <li>• Protocol 802.11 b/g/n/ac</li> <li>• Security WEP, WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP), WPA2-PSK (AES), Mixed mode</li> <li>• SSID 4 per radio</li> <li>• Others AP isolation, MBSSID AP isolation, WMM, MAC Filter, WDS, WPS</li> </ul>
CALL	<ul style="list-style-type: none"> <li>• IP Signaling SIP V2 (RFC3261/3262/3263/3264)</li> <li>• VOICE CODEC G.711 (A-law, <math>\mu</math>-law), G.722, G.723, G.729</li> <li>• FAX OVER IP Real Time FAX over IP via T.38 T.30 Fax with G.711</li> <li>• VOICE Features Adaptive jitter buffer management Voice Activity Detection Comfort Noise Generation Echo Cancellation</li> <li>• Complementary Features 3-way Conference Call hold, Call forwarding, Call transfer, Call waiting, Speed dial, Hotline, Dial plan Caller ID, Black list, Call log</li> </ul>

## Additional features in 4.1 release

- Telnet is disabled by default
- We can have Multi WAN connects with same VLAN id

## Known Issues (System Release 4.1)

This section lists the known issues and limitations in this release of cnPilot R200/R201.

Tracking	Description / Workaround
CNSDA-75	Device is disconnecting and reconnecting multiple times if it is connected to the network via ePMP SM.
RBN-122	The security column is displayed empty in Wi-Fi analyzer.

Tracking	Description / Workaround
RBN-23	Partial config push is not working for cnPilot without changing the DB versionID parameter.
RBN-26	Cambium ID password in cnPilot is not accepting special characters.
RBN-124	HTTPS web access is not working with Google Chrome browser.

## Limitations

FCC DFS channels are currently not available in cnPilot R201 device.

## Technical Support

For technical support, see

<http://www.cambiumnetworks.com/support/epmp>

For PMP technical support helpdesk phone numbers, see

<http://www.cambiumnetworks.com/support/contact-support>

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