

# *cnPilot* Home & Business Routers

## The ISP managed R190, R200 and R201

**ISP Managed Home Wi-Fi - made easy** Cambium's managed Home & Small Business (HSB) routers are purpose built for Internet Service providers (ISPs). The HSB router solution makes it easy for ISPs to deliver on their end goal on day 1 of turning on Internet service to their customers – working internet access that the customer client devices can connect to with ease, raising the ISP's customer satisfaction score. And that's not all! These HSB routers along with *cnMaestro* management, also assist ISPs get significant visibility to the indoor home environment with visibility to client device and traffic data, significantly cutting down any support costs and offering insight into daily utilization and cost of operation



- ▶ **PoE out:** The R200P and R201P models can power on Cambium's ePMP or PMP 450 line of Subscriber modules or *Outdoor CPE* (Customer premise equipment) on the roof, making it easy for one equipment to perform at least 3 functions – Wi-Fi router, ATA service and PoE out providing input power to Cambium's outdoor CPEs
- ▶ **IPv6:** The Home & Small Business routers are IPv6 ready
- ▶ **Voice over IP (VoIP) ATA:** The devices come with option for up to 2 FXS ports to connect telephones and fax machines – and an opportunity for ISPs to derive Voice revenue over their Internet access
- ▶ **Multiple SSIDs:** Managed and controlled by the ISP
- ▶ **Spectrum analysis:** Run remote spectrum scans minimizing site visits for troubleshooting issues

- ▶ **Zero touch onboarding:** Virtual configuration and provisioning prior to install enables a low touch cost saving approach to large scale device installation and management
- ▶ **cnMaestro Controller & Manager:** Inventory management, software configuration, bulk device upgrades and alarms ensure full management and operations control of customer premises device
- ▶ **ezDetect:** *cnMaestro's* unique troubleshooting feature that saves on truck rolls, enables access to device, client connection and traffic data. Includes layer 2 packet access and the ability to run remote spectrum analysis
- ▶ **Cloud or On-premises (NOC) managed:** The HSB devices can be managed by a virtual software manager that can run locally in the ISPs network or in the cloud

## WLAN ROUTERS TO SUIT FUNCTIONS AND BUDGETS

	<b>R190 W</b>	<b>R190V</b>	<b>R200</b>	<b>R200P</b>	<b>R201</b>	<b>R201P</b>	<b>R201W</b>
WLAN Routers	✓	✓	802.11n Single band 2.4 GHz	802.11n Single band 2.4 GHz	802.11ac Dual band 2.4 and 5 GHz	802.11ac Dual band 2.4 and 5 GHz	802.11ac Dual band 2.4 and 5 GHz
ATA - for Voice		✓	✓	✓	✓	✓	
Cambium PoE out to power ePMP or PMP450				✓		✓	✓



**R190 Series: R190V, R190W**

Single band 802.11n routers with ATA



**R200 Series: R200, R200P**

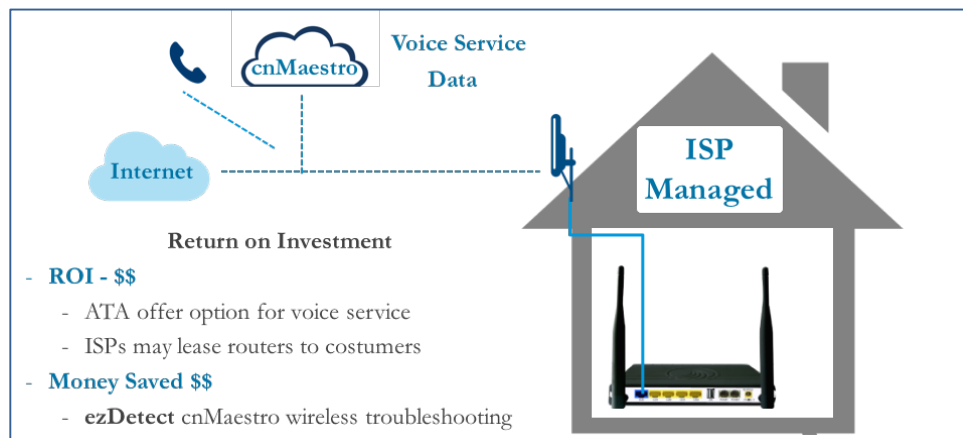
Single band 802.11n routers with ATA  
and/or Cambium PoE options



**R201 Series: R201, R201P, R201W**

Dual band 802.11ac routers with ATA  
and/or Cambium PoE options

- ▶ The ISP managed home router solution with Cambium's wireless backhaul for backend connectivity



The cnPilot R series Home & Small Business ISP managed routers are available through authorized Cambium distributors

Discover more information on cnPilot at: <http://community.cambiumnetworks.com/> or <http://www.cambiumnetworks.com/products/wifi/>