FiOS Network Extender

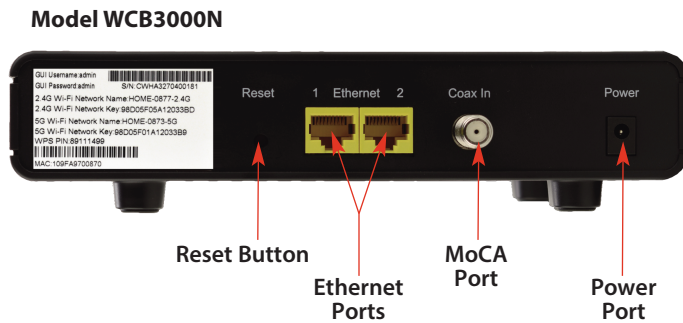## Connect and Manage Multiple Devices with One Adapter

Actiontec's new FiOS Network Extender with MoCA and Gigabit Ethernet is the Swiss army knife in your arsenal of networking devices, and it will expand the potential of your network. Simple to set up, even easier to use, this Network Adapter bridges multiple networking technologies (coaxial, Ethernet and wireless) together, creating one uni-versal network. Plus, the new Network Adapter includes TR-069 support, giving Broadband Service Providers the abililty to remotely manage and trou-bleshoot the device to ensure a flawless customer experience.

Key Features

- Simple network device bridging multiple technologies: Ethernet, Coax (MoCA) and Wireless
- TR-069 Manageable
- Two GigE Ethernet Ports
- 802.11n 2x2 2.4/5GHz Dual Band Concurrent
- Auto sync with Wireless Router/Gateway enables zero-configuration

Ports at Rear of Unit

Model WCB3000N

Reset Button
Ethernet Ports
MoCA Port
Power Port

Features

● Protocol/Standards/Support
  – Wireless IEEE 802.11n
  – Wireless IEEE 802.11 a/b/g
  – Ethernet IEEE 802.31 (10BaseT @ 10 Mbps)
  – Ethernet IEEE 802.3u (100BaseT @ 100 Mbps)
  – Ethernet IEEE 802.3-2008 (1000BaseT @ 1 Gbps)
  – MoCA 1.1

● LAN Interfaces
  – Two 10/100/1000 Ethernet
  – One Coaxial Jack

● Wireless
  – 802.11a/b/g/n
  – 2x2 internal antenna
  – Wireless 2.4 GHz and 5 GHz
  – WPS

● Wireless Security
  – Wi-Fi Protected Access (WPA, WPA2)
  – WEP, TKIP, AES Encryption
  – Pre-Shared Key (PSK)
  – MAC Address Filtering

● MoCA
  – Network Size: 16 Devices
  – Network Password Protected
  – Backwards compatible with MoCA 1.0

● Network Frequency Range
  – Wireless 2.4 GHz / 5 GHz
  – Coax/MoCA 1125-1525 MHz

● Physical Specifications
  – LED Indicators
    * 1 Power
    * 2 Wireless
    * 1 Coax
    * 2 Ethernet
    * 1 WPS Button and LED
  – External Connectors
    * 2 RJ-45
    * 1 Coax F Connector
    * 1 DC Power Input
    * 1 Factory Default Reset Button

● Data Rate
  – Up to 175 Mbps MoCA
  – Up to 1 Gbps Ethernet

● Regulatory Approvals
  – FCC 15B, 15C
  – UL
  – WiFi, WPS
  – MoCA 1.1

● Hardware
  – FlashRom: 16 MB
  – SDRAM: 64 MB

● RF Interface
  – Connector: F-Type
  – Impedance: 75

● Power Requirements
  – Supply Voltage Range:
    100VAC - 240 VAC (50/60 Hz)