

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 ability to remotely manage and troubleshoot the device to ensure a flawless customer experience.

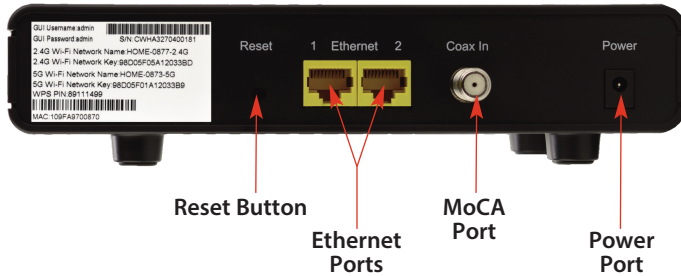
Key Features

- 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



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)

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*Maximum wireless signal rate derived from IEEE Standard 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction and network overhead lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

**Theoretical data throughput numbers are based on maximum, theoretical PHY throughput for MoCA 1.1. Actual data throughput of up to 170 Mbps (TCP) seen in laboratory testing. The throughput will vary based on the condition and noise found on the coaxial cabling within the home as well as the type of Ethernet Adapter supported on each computer or other device.

***Coax outlets and Coaxial wiring must all be part of the same coax system. Certain coax conditions in your home, such as wiring conditions and configuration may effect the performance of this product. A minimum of two Actiontec Coax Network Adapters are required to create a network, unless the user has a modem, router or gateway with MoCA 1.1 or below built in.

****Actiontec makes no express or implied representations or warranties about this product's compatibility with any future standards

Product photo may differ from actual product, however functionality remains as stated above.

Specifications are subject to change without notice.