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5352

DOCSIS3.0 Cable Modem/Router with Wireless-N

The Zoom 5352 Cable Modem/Router with Wireless-N supports cable modem speeds up to 343 Mbps. With its high speed and IPv4 and IPv6 networking support, this is a product designed and built for use today and for years to come. The embedded router with Wireless-N support continues the high-performance with 300 Mbps 2 X 2 MIMO for the range, wireless speeds and networking support needed for multimedia, Internet video and high-performance networking in a home or office.
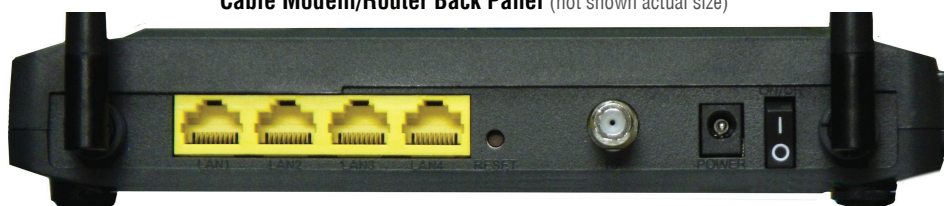
DOCSIS 3.0 cable performance allows bonding of up to eight channels on downloads and four channels on uploads when used with the latest cable systems. DOCSIS 2.0 and 1.1 support provides compatibility with older cable systems. Cable modem performance has been tested and approved by CableLabs, the industry's non-profit test and certification authority. Additonal testing and approvals have been obtained from Cox, Comcast, Time Warner Cable and other leading cable service providers.

Features of the Model 5352 include:

- DOCSIS 3.0 performance with CableLabs certification
- Up to 8 Downstream channels and 4 Upstream channels, for speeds as high as 343 Mbps on downloads and 123 Mbps on uploads with full band capture front end
- Provides shared high-speed Internet over cable to:
    - WiFi compatible wireless 802.11n, g, and b devices
    - Devices with an Ethernet port, including computers and game stations
- Easy setup and management with Universal Plug and Play (UPnP), WPS wireless security setup, and browser-based management
- An integrated four-port 10/100/1000 Ethernet switch
- Supports IPv6 and IPv4 for powerful, flexible network addressing
- Includes an advanced firewall and wireless security
- Two adjustable-position external antennas for extended wireless networking range
- Two-year warranty and support from Zoom, a USA-based leader in communications since 1977

Cable Modem/Router Back Panel (not shown actual size)

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ZOOM 5352

Specifications

Cable modem service interface: F-type female 75 Ω (standard coaxial connector)

Operating parameters:

	Downstream	Upstream
Data rate:	Up to 343 Mbps (8 channels)	Up to 123 Mbps (4 channels)
Frequency:	88 to 1002 MHz (edge to edge)	5 to 42 MHz (edge to edge)
Modulation:	64 or 256 QAM	QPSK and 8, 16, 32, 64, 128, 256 QAM
Channel bonding:	Up to 8 channels	Up to 4 channels
Operating level range:	-15 to +15 dBmV	A-TDMA: +8 to +54 dBmV (32QAM, 64QAM)
		+8 to +58 dBmV (QPSK)
		S-CDMA: +8 to +53 dBmV (all modulations)

Status indicators: Power, Downstream Link, Upstream Link, Online Status, Wireless Link, WPS, 4 Ethernet LAN

Ethernet LAN interface: 4 X RJ-45 10/100/1000 Mbps Ethernet, with Auto-MDI/MDX

Wireless: 802.11n/g/b, 2X2 MIMO (Multiple Input Multiple Output)

Network addressing: IPv4 and IPv6

Router mode:
- Dynamic DNS
- DHCP Server and Client
- NAT (Network Address Translation)
- Bridging
- IP fragmentation and reassembly
- NTP (Network Time Protocol)
- Port Forwarding/DMZ support
- RIP V1 and V2
- Support for up to 253 client devices
- Quality of Service (QoS) support

Management:
- SNMP v1, v2, v3
- TR-069
- Remote firmware upgrade support
- Universal Plug and Play

Security:
- Stateful Packet Inspection (SPI)
- VPN passthrough: PPTP, IPsec tunnel
- Parental Control
- Attack Protection
- Password protected system management
- IP/ MAC/Port filtering
- Denial of Service Protection
- Wireless MAC address filtering
- Supports Baseline Encryption (BPI) Management
- Universal Plug and Play (UPnP)
- Cable Management diagnostic log

Wireless networking and security:
- Compliant with IEEE 802.11n, g and b standards
- Up to 300 Mbps wireless data rate*
- 2 X 2 Transmit/Receive, MIMO
- 2.4 GHz - 2.484 GHz frequency range, ISM Band
- Wireless Distribution System (WDS)
- Wireless Multimedia (WMM/WME)
- 64/128 bit Wired Equivalency Protection (WEP) with Pass Phrase
- Wi-Fi Protected Access (WPA2, WPA) with Pre-Shared Key
- Wi-Fi Protected Security (WPS)
- 802.1x Authentication
- 8 SSIDs
- Wireless Quality of Service
- Transmit power: 20dBm
- Two adjustable-position external antennas (2 dBi)

Size: 1 ⁹⁄₁₆" (H) (exclusive of antennas) X 8" (W) X 7" (D)
Antennas 3 ³⁄₈" high

Weight: 16.8 ounces

Power adapter: 110V/220 VAC 50/60 HZ input into power adapter
12 Volt 2 Amp output

Operating temperature: 0° C to 50° C

System requirements:
- The cable modem must be connected to a cable modem service that uses any of the DOCSIS standards — 3.0, 2.0, or 1.1.
- Directly connected devices, such as computers, switches, and HomePlug adapters, must have an Ethernet port. Devices connected wirelessly must have wireless-N, wireless-G, or wireless-B (Wi-Fi) capability.

Warranty: Two years

Approvals: US Safety, FCC part 15B and 15C, CableLabs

Package contents:
- DOCSIS 3.0/2.0/1.1 cable modem
- Power cord
- Ethernet cable
- Quick Start Flyer