DOCSIS 3.0
Cable Modem/Router
with Dual Band Wireless

Zoom Model 5360 integrates a DOCSIS 3.0 8x4 cable modem and a 4-port GigE router that features Simultaneous Dual Band technology. Model 5360's 2.4 GHz and 5.0 GHz 2x2 wireless channels each provide 300 Mbps data speeds and use dual antennas to achieve expanded range, reduced interference from neighbors' wireless networks, and speeds up to 600 Mbps.
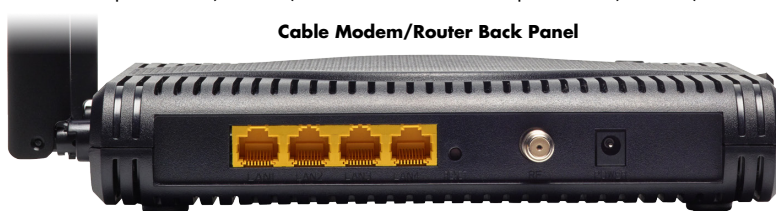
Highlights

- DOCSIS 3.0/2.0/1.1 maximizes performance and compatibility.

- 8 downstream and 4 upstream cable modem channels for downstream data rates up to 343 Mbps and upstream data rates to 123 Mbps

- Wireless 802.11a/b/g/n networking with:
    - Up to 300 Mbps* at 2.4 GHz
    - Up to 300 Mbps* at 5.0 GHz
    - 2.4 and 5.0 GHz radios that operate concurrently
    - Broadcom WL9217E (2.4 GHz) and WL9228E (5 GHz) wireless chipsets
    - Two external dual-band antennas

- 1 GHz Full-band Capture Digital Tuner for high performance and flexible choice of data channels by service providers

- 4 GigE Ethernet ports with Auto Negotiation and Auto MDIX

- Model 5360's Ethernet and wireless capabilities are standards based and work with all popular Ethernet-capable and WiFi®-compatible wireless devices.

- IPv6, IPv4

- SNMP v1/v2/v3

- Enhanced RF Immunity

- Integrated MoCA reject filter

- Supports multiple SSIDs

- Wireless pairing button (WPS) for easy wireless LAN setup

- Advanced firewall security with parental controls, set through user's browser

- Unique factory-set security settings, with settings shown on bottom label (These are user-changeable using a browser.)

- Easy installation

- User-friendly diagnostics

- Broadcom BCM3383 cable modem chipset

- Two year warranty on parts and labor

Specifications

Cable modem standards:	DOCSIS 3.0/2.0/1.1
Cable interface:	F-Connector, female, 75Ω
Ethernet LAN interface:	Four 10/100/1000 Mbps Ethernet LAN ports
Wireless:	802.11a/b/g/n wireless
Status indicators:	Power, Downstream, Upstream, Online, 4 LAN Ethernet , 2.4 GHz, 5 GHz, WPS

Router mode:
- Dynamic DNS
- DHCP Server and Client
- NAT
- Bridging
- 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

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

Wireless networking and security:
- Compliant with IEEE 802.11a/n/g/b standards
- Up to 300 Mbps* at 2.4 GHz
- Up to 300 Mbps* at 5.0 GHz
- Simultaneous Dual Band radios
- Wireless Quality of Service
- WDS
- WMM/WME
- WEP-64/128
- WPA/WPA2/WPA-PSK/WPA2-PSK
- TKIP/AES
- WPS
- 802.1x Authentication
- Up to 16 SSIDs (8 per radio)
- Two external dual-band antennas

Operating temperature:	32 °F to 104 °F (0 °C to 40 °C)
Storage temperature:	14 °F to 140 °F (-10 °C to 60 °C)
Operating humidity:	5 to 95% R.H. (non-condensing)
Size:	8.5″ tall x 6.25″ x 1.5″ (21.4 x 15.9 x 3.8 cm) exclusive of antennas. Antennas 5″ (12.7 cm) long.
Regulatory:	FCC 15B, 15C, and 15E, Bureau Veritas for IEC 60950-1:2005 (2nd Ed.) safety, RoHS
Power adapter:	Input: 110/220 VAC, 50/60 Hz, Output: 12VDC/2 Amp. NEMA 5-15 (North American style) plug is standard. Other plugs are available.
Warranty:	Two years on parts and labor
Package contents:	Cable Modem/Router, power cube, Ethernet cable, Quick Start flyer

Operating parameters:

	Downstream	Upstream
Modulation:	64 or 256 QAM	QPSK and 8, 16, 32, 64, 128, 256 QAM
Channel bonding:	Up to 8 channels	Up to 4 channels
Maximum PHY rate:	@256 QAM at 5.36 Msym/s: 343.072 Mbps (8 channels) 42.884 Mbps (single channel)	@256 QAM at 6.4 MHz: 122.8 Mbps (4 channels) 30.72 Mbps (single channel)
Maximum bandwidth required:	6MHz x 8 channels	n/a
Channel width:	n/a	200 kHz, 400 kHz, 800 kHz, 1.6 MHz, 3.2 MHz, 6.4 MHz
Symbol rate:	64 QAM 5.057 Msym/s; 256 QAM 5.361 Msym/s	160, 320, 640, 1280, 2560, 5120 ksym/s
Operating level range:	-15 to +15 dBmV	A-TDMA: 17 to 57 dBmV (32QAM, 64QAM) 17 to 58 dBmV (8 QAM, 16 QAM) 17 to 61 dBmV (QPSK) S-CDMA: 17 to 56 dBmV (all modulations)
Frequency range:	108 to 1002 MHz (edge to edge)	5 to 42 MHz (edge to edge)
Impedance:	Input: 75 Ω (nominal)	Output: 75 Ω (nominal)

Cable Modem/Router Back Panel

* Speeds shown are the maximum wireless speeds derived from IEEE 802.11. Actual speeds will vary.