

# TM9202 | Touchstone® TM9202 E-MTA

## Base Product



### 32x8/2x2 DOCSIS 3.1 Modem (E-MTA) with 2 voice ports and 2.5G Ethernet

- Optimized for providing Multi-Gigabit data services over DOCSIS 3.1 WAN
- Switchable US support options include: 5-85MHz and 5-204MHz
- Support for BSoD with Multiple L2VPNs
- Full capture bandwidth tuner with US and DS spectrum analysis
- Battery Backup supports connection to external PSU with 8 hour and 24 hour standby options

The Touchstone TM9202 is a DOCSIS 3.1 home telephony modem for customers and subscribers who are looking for Multi-Gigabit high-speed data services and telephony services, in a single unit. With a 2.5G LAN port, the TM9202 is the hub of service delivery in the subscriber's home; providing high-speed data, voice, and IP video to connected devices. Or, in small business or corporate satellite offices, provides the hub for ultra-high speed network connectivity with other offices and the local office's managed structured wiring and Wi-Fi infrastructure.

With 2x2 DOCSIS 3.1 OFDM/OFDMA support as well as 32x8 DOCSIS 3.0 SC-QAM channel bonding, the TM9202 has the ability to deliver Multi-Gigabit services. The TM9202 provides two FXS RJ-11 ports of carrier-grade VoIP, with the Touchstone voice stack for the highest quality voice telephony experience, already in use by over 200 million voice lines today.

Rich operator and customer management control solutions provide multiple provisioning options (SNMP, configuration file, remote web GUI access, TFTP, and TR-069), and monitoring. Combined with secure local and remote access account controls for greater efficiencies in device and system operations and management.

## Product Classification

**Regional Availability** North America

**Product Type** E-MTA

## General Specifications

**Access Technology** DOCSIS 3.1

**Channel Bonding** 2x2 OFDM/A | Up to 32x8 SC-QAM

**Diagnostic LEDs** Battery | Link/Activity | Online | Power | Telephone

**Ethernet Ports** 1 x 2.5 GigE

**Interfaces** 1x RJ45 (10/100/1000/2500 nBase-T) | 2x RJ11 (VOIP) | DC power inlet with integrated 5-pin telemetry | 'F' type connector

**RF Downstream Frequency Range** 258-1218 MHz

**RF Downstream Bonded Channels, quantity** Up to 32, comprised of any mix of up to 32 SC-QAM or 2 OFDM

**RF Downstream Input Sensitivity Level** -15 dBmV to 15 dBmV

**RF Downstream Data Rate** Up to 5 Gb/s

**RF Upstream Frequency Range** 5-85 MHz or 5-204 MHz (configurable)

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<b>RF Upstream Bonded Channels, quantity</b>	Up to 8, comprised of any mix of up to 8 SCQAM or 2 OFDMA
<b>RF Upstream Data Rate</b>	Up to 1 Gb/s
<b>Voice</b>	Yes
<b>Voice Ports, quantity</b>	2

## Dimensions

<b>Height</b>	180.34 mm   7.1 in
<b>Width</b>	60.96 mm   2.4 in
<b>Length</b>	152.4 mm   6 in

## Environmental Specifications

<b>Operating Temperature</b>	0 °C to +40 °C (+32 °F to +104 °F)
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