

TG2472 | Touchstone® TG2472 Cable Voice Gateway

Base Product



24x8 DOCSIS® 3.0 Cable Voice Gateway with 802.11ac Wi-Fi & MoCA®2.0

- Supports coaxial data routing in the home via the MoCA 2.0 interface
- Allows custom designed setups to be applied to monitor the end user more efficiently with multiple provisioning methods (SNMP, configuration file, remote web GUI access, TFTP, and TR-069)
- Flexibility of configuration and control with multiple local and remote access levels (user, admin, etc.)
- Advanced Feature support with Guest SSID, DLNA, and File Sharing
- Battery support meets the new FCC Requirements for 8 hour hold up time

The Touchstone TG2472 is a DOCSIS 3.0 home telephony gateway supporting 24 x 8 channel bonding for up to 960Mbps of broadband data. It combines two FXS ports of carrier-grade VoIP, a 4-port gigabit router, MoCA 2.0 over coax, and a dual band 802.11ac wireless access point with battery back-up into a single integrated device.

The TG2472 serves as the hub of service delivery in the subscriber's home providing high-speed data, voice and IP video to wired and wireless connected devices.

Product Classification

Regional Availability Latin America | North America

Product Type Cable voice gateway

General Specifications

Access Technology	DOCSIS 3.0
Channel Bonding	Up to 24x8 SC-QAM
Ethernet Ports	4 x GigE
Interfaces	2 lines, RJ14 ("Line 1/2"), RJ11 ("Line 2") 4x RJ45 (10/100/1000 Base-T) 'F' type connector
MoCA	MoCA 2.0
RF Downstream Frequency Range	108-1002 MHz
RF Downstream Bonded Channels, quantity	Up to 24
RF Downstream Input Sensitivity Level	-15 dBmV to 15 dBmV
RF Downstream Data Rate	Up to 960 Mb/s
RF Upstream Frequency Range	5-42 MHz 5-85 MHz
RF Upstream Bonded Channels, quantity	Up to 8
RF Upstream Output Level	54 dBmV (64 QAM, 4-8 upstreams) 56 dBmV (SCDMA, single

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upstream) | 57 dBmV (64 QAM, single upstream) | 58 dBmV (16 QAM, single upstream)

RF Upstream Data Rate

Up to 240 Mb/s

Software

DHCP | Dual Stack IPv4/IPv6 Home Router | L2TP | NAT | PacketCable 1.0 | PacketCable 1.5 | PacketCable 2.0 | SIP and NCS | Static and Dynamic IP | VLANs and RIP

USB

USB 2.0

Voice

Yes

Voice Ports, quantity

2

Wi-Fi Interface Standard

IEEE 802.11a/b/g/n/ac

Wi-Fi Band

2.4 GHz | 5 GHz

Wi-Fi Interface Standard at 2.4 GHz

3x3, 802.11n

Wi-Fi Interface Standard at 5 GHz

3x3, 802.11ac

Dimensions

Height

256.54 mm | 10.1 in

Width

261.62 mm | 10.3 in

Length

82.55 mm | 3.25 in

Electrical Specifications

Input Voltage

115 Vac

Environmental Specifications

Operating Temperature

0 °C to +50 °C (+32 °F to +122 °F)

Packaging and Weights

Weight, net

1.134 kg | 2.5 lb