TG2492 | Touchstone® TG2492 Cable Voice Gateway

Base Product

24x8 EuroDOCSIS® Cable Voice Gateway with 802.11ac Wi-Fi

- 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

The Touchstone TG2492 is a EuroDOCSIS 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, and a dual band 802.11ac wireless access point into a single integrated device.

The TG2492 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	EMEA
Product Type	Cable voice gateway

General Specifications

Access Technology	EuroDOCSIS 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 1 Gb/s
RF Upstream Frequency Range	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 upstream)	57 dBmV (64 QAM, single upstream)	58 dBmV (16 QAM, single upstream)
RF Upstream Data Rate	Up to 240 Mb/s

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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	2x2, 802.11n
Wi-Fi Interface Standard at 5 GHz	3x3, 802.11ac

Dimensions

Height	236.22 mm	9.3 in
Width	160.02 mm	6.3 in
Length	50.8 mm	2 in

Electrical Specifications

Input Voltage	12 Vdc

Environmental Specifications

Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)

Packaging and Weights

Weight, net	0.68 kg	1.5 lb

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