

# DG2470 | Touchstone® DG2470 Cable Gateway



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

- Supports coaxial data routing in the home via the MoCA 2.0 interface
- Advanced Feature support with Guest SSID, DLNA, and File Sharing
- 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.)

The Touchstone DG2470 is a DOCSIS3.0 home data gateway supporting 24 x 8 channel bonding for up to 960Mbps of broadband data. It combines a 4-port gigabit router, MoCA 2.0 over coax, and a dual band 802.11ac wireless access point.

The DG2470 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

<b>Regional Availability</b>	Latin America   North America
<b>Product Type</b>	Cable gateway

## General Specifications

<b>Access Technology</b>	DOCSIS 3.0
<b>Channel Bonding</b>	Up to 24x8 SC-QAM
<b>Diagnostic LEDs</b>	2.4 GHz   5 GHz   Link/Activity   Online   Power   US/DS   WPS
<b>Ethernet Ports</b>	4 x GigE
<b>Interfaces</b>	4x RJ45 (10/100/1000 Base-T)   'F' type connector
<b>MoCA</b>	MoCA 2.0
<b>RF Downstream Frequency Range</b>	108-1002 MHz
<b>RF Downstream Bonded Channels, quantity</b>	Up to 24
<b>RF Downstream Input Sensitivity Level</b>	-15 dBmV to 15 dBmV
<b>RF Downstream Data Rate</b>	Up to 960 Mb/s
<b>RF Upstream Frequency Range</b>	5-42 MHz
<b>RF Upstream Bonded Channels, quantity</b>	Up to 8
<b>RF Upstream Output Level</b>	54 dBmV (64 QAM, 4-8 upstreams)   56 dBmV (SCDMA, single upstream)   57 dBmV (64 QAM, single upstream)   58 dBmV (16 QAM, single upstream)
<b>RF Upstream Data Rate</b>	Up to 240 Mb/s

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<b>USB</b>	USB 2.0 Powered Host Port
<b>USB Data Rate, maximum</b>	480 Mb/s
<b>Voice</b>	No
<b>Wi-Fi Interface Standard</b>	IEEE 802.11a/b/g/n/ac
<b>Wi-Fi Band</b>	2.4 GHz   5 GHz
<b>Wi-Fi Interface Standard at 2.4 GHz</b>	3x3, 802.11n
<b>Wi-Fi Interface Standard at 5 GHz</b>	3x3, 802.11ac

## Dimensions

<b>Height</b>	234.95 mm   9.25 in
<b>Width</b>	190.5 mm   7.5 in
<b>Length</b>	57.15 mm   2.25 in

## Electrical Specifications

<b>Input Voltage</b>	115–220 Vac
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## Environmental Specifications

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

<b>Weight, net</b>	0.635 kg   1.4 lb
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