



# Touchstone® DOCSIS® 3.0 Residential Gateway

With 802.11n, 4 Port  
Ethernet Router  
DG860A



### Configuration

- 8x4 Channel Bonding
- Multi Processor Technology for Highest Performance
- 4 port Gigabit Ethernet Wireless Router
- Integrated 2.4GHz 802.11n Radio
- 2x2 MiMo Wireless Technology with a 300mbps Phy Rate
- Enhanced WebGUI Interface with Technician Level Access
- Supports Firewall, Parental Control, L2TP, RIP, DHCP and more
- Internal Power Supply for Highest Reliability

### Advanced Residential Gateway Solution for High Speed Data and Wireless

The Touchstone® DOCSIS® 3.0 Residential Gateway is an 8x4 advanced gateway product. The DG860 combines a 4-port Gigabit Router, and a 802.11n wireless access point into a single device capable of supporting both home and small office applications. Using multi-processor technology, the DG860 can simultaneously achieve high bandwidth DOCSIS performance without affecting the superior Wi-Fi® and other gateway performance. This feature packed unit will lead the future for advanced home and small office services.

### Enhanced Performance

Operators strive to push the limits on DOCSIS 3.0 performance delivered to the customer with both the Ethernet and the wireless interfaces. The 802.11n wireless interface can deliver the performance desired while also offering improvements in home coverage above those of previous technologies.

### Efficient and Flexible Maintenance

The DG860 distinguishes itself with capabilities that minimize an operator's support needs. Multiple provisioning methods (SNMP, Configuration File, Remote WebGUI access, TR-069, and TFTP) allow a custom designed setup to be efficiently applied to the end user. Multiple local and remote access levels (User , Technician) also allow more ease and flexibility for manual configuration and control.

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## Touchstone® DOCSIS® 3.0 Residential Gateway with 802.11n and 4 Port Ethernet Router

- DOCSIS® 3.0 and EuroDOCSIS™ compliant designs
- Up to 8 downstream channels supporting over 320Mbps of data capacity
- Up to 4 upstream channels supporting over 120Mbps of data capacity
- Tuners support two 96MHz blocks for up to 8 bonded channels
- High performance Wi-Fi® Alliance certified 802.11b/g/n wireless access point
- Advanced MIMO antenna configuration for optimal throughput and coverage
- High Speed Internet via 4 ports 10/100/1000Base-T Ethernet (RJ-45)
- All ports support Auto-negotiation, auto speed sensing, and Auto MDIX
- Multiple (4 ) SSID Support. Expandable to 8 SSIDs.
- WPA™ and WPA2™ Personal and Enterprise, 64 / 128 bit WEP, and MAC authentication wireless security options
- Support for WMM® QOS and WMM Power Save
- Wi-Fi Protected Setup™ (facilitates easy set-up of security using a Personal Identification Number (PIN) and/or a button located on the Wi-Fi device)
- Software support for UPnP
- Support for Static and Dynamic IP, DHCP, NAT, L2TP, VLAN' s and RIPv2
- Built in MoCA Blocking Filter
- Dual Color LED Status Information for defining operational status
- Low Power Consumption
- Integrated Universal Power Supply for Higher Reliability
- Vertical or Horizontal Mounting



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