# ARRIS™

## Touchstone®
## DOCSIS® 3.0  8x4
## Ultra-High Speed
## Telephony Modem

**TM802G**



### Configuration

- DOCSIS 3.0 compliant
- PacketCable ® 1.0 and 1.5 compliant
- PacketCable ® 2.0 BASIC compliant
- Flexible 8x4 downstream/upstream channel-bonding with superior throughput
- Backwards compatible with DOCSIS 1.0, 1.1, and 2.0
- Up to two lines of carrier-grade VoIP
- Multiple Protocol Support: PacketCable (NCS) or Session Initiation Protocol (SIP)
- IPv4 or IPv6 addressing modes for DOCSIS CM layer
- 10/100/1000 Base-T Ethernet interface
- 6, 8, 12, and 24 hour battery back-up options
- Simplified interoperability through PacketACE™ configuration file editor

### Applications

The Touchstone DOCSIS 3.0 8x4 Embedded Multimedia Terminal Adaptor (E-MTA) TM802G delivers two lines of primary line Voice over IP (VoIP), ultra-high speed data access, and multiple battery pack options to support telephony service during power outages. Designed to support the services desired most by advanced users, the TM802G enables the home or small business user to address productivity needs with the speed and performance found only in the 8x4 bonded channel cable environment along with industry-leading ARRIS voice and battery back-up features. With the TM802G, cable operators can offer data services at speeds greater than 300Mbps to their subscribers to compete against VDSL and fiber to the home threats.

### Performance and Features

- Toll grade voice performance equal to the industry leading TM602/TM722 family of products
- Two independent 48MHz wide RF tuners to receive downstream channels up to 1GHz
- Configurable options for loop current, loop voltage management, and ringing waveform
- Loop Diagnostics for remote testing and troubleshooting of in-house wiring
- Advanced Diagnostics for easy troubleshooting - Call Quality Metrics for last fifty (50) calls
- Multi-colored LEDs for rapid troubleshooting during installation or with customer service
- Auto-adapting FSK/CAS tone levels, dynamic jitter buffers, and G.168 echo cancellation
- Configurable battery management and reporting for customized operation
- Boot from battery feature allows modem to initialize without AC Power
- Simple to install, consumer replaceable, lithium-ion batteries
- Single, easy access battery slot

# Product Flyer

TM802G Back view

# www.arrisi.com

Find more information about the Touchstone TM802G DOCSIS 3.0 Telephony Modem.

- Product Specifications—
  - Technical Specifications Touchstone DOCSIS 3.0 Telephony Modem TM802G
    (Publication Code: TM802G_TS.pdf)

## Customer Care

Contact Customer Care for product information and sales

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