



Touchstone® TM508 and TM512

Multi-Line Telephony Modems



Features

- TM508A and TM512A DOCSIS 1.1 / 2.0 based
- PacketCable 1.0 compliant
- Toll quality voice supplies superior subscriber experience
- Same world-class features available on the market leading Touchstone residential products
- Flexible provisioning for small business and MDU market
- Extended temperature range for utility closet applications
- Small one rack unit (1RU) enclosure can be rack or wall mounted
- Over 16 hours of idle battery back and up to 8 hours of battery back up with all 12 lines off hook (Via External LPSU) with telemetry
- Support for NCS or SIP
- PacketCable 1.0/1.5
- Remote Firmware upgrade for PacketCable 2.0
- RIPv2 for Static IP

ARRIS is pleased to introduce the Touchstone TM508 and TM512 Multi-line Embedded Media Terminal Adaptors. Designed to support small businesses and multiple dwelling unit (MDU) applications, these products combine 8 (Touchstone TM508A) or 12 (Touchstone TM512A) subscriber line interfaces with one 100BaseT Ethernet port and a high performance DOCSIS 2.0 cable modem in a rack or wall mountable chassis.

Touchstone Multi-line Telephony Modems TM508 and TM512 Offer World Class Features to Deliver the Highest Quality Voice Service

The Touchstone TM512 and TM508 continues ARRIS cable telephony leadership by incorporating the widely deployed Touchstone Telephony Modem TM502 telephone interfaces and call features. Each line interface provides a 48Vdc nominal battery feed with 5 REN per line ringing capacity. Configuration options for loop current, loop voltage management, and ringing waveform are available for each line interface.

Enhanced telephony features include auto-adapting FSK/CAS tone levels, dynamic jitter buffers, and G.168 compliant echo cancellation. Advanced signal processing methods provide RFC 2833 compliant DTMF relay, T.38 Fax transmission, three-way calling, call waiting, and caller ID. All these features make the multi-line E-MTA well suited for the demanding needs of small businesses and MDUs.

Touchstone® Multi-Line Telephony Modems TM508A and TM512A

Extensive System Management capability to service the unique needs of small business and MDU markets

Network Operations Center (NOC) support for toll grade small business and multi-line dwelling voice service requires advanced provisioning, performance monitoring, and diagnostics capabilities. The Touchstone TM508 and TM512 address these needs by supporting secure SNMP and a comprehensive suite of IETF, PacketCable™, DOCSIS®, and ARRIS proprietary MIBs.

Provisioned SNMP traps and event reports assure proactive management of the Touchstone TM508A and TM512A operation. Access to text readable provisioning settings, system logs, and diagnostics tools are available through remote Telnet, password protected Command Line Interface (CLI) via Ethernet port, or local device web pages.

PacketCable & Session Initiation Protocol Support

The TM508A and TM512A presently implement PacketCable 1.0/ PacketCable 1.5 , NCS and SIP signaling. Future firmware releases will support remote upgrades to comply with PacketCable 2.0 .

www.arrisi.com

Find more information about the Touchstone® TM508 and TM512 Multi-Line Telephony Modems.

- Product Specifications—Touchstone® TM508 and TM512 Multi-Line Telephony Modems Technical Specifications (Publication Code: TM508-TM512A_TS.pdf)

Customer Care

Contact Customer Care for product information and sales

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