ARRIS

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

TM902

Configuration

- DOCSIS 3.0 and EuroDOCSIS™ 3.0 compliant
- PacketCable ® 1.0 and 1.5 compliant
- EuroPacketCable 1.0 and 1.5 compliant
- 8x4 Channel Bonding (8 DS x 4 US)
- 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)
- 1GHz Downstream RF tuner
- Wide Capture Bandwidth 96MHz
- 10/100/1000 Base-T Auto Speed Sense, Auto MDI-X
- Supports IPv4 or IPv6
- On/Off Power Switch (S model)
- PacketACE configuration file editor

Application

The Touchstone Telephony Modem TM902 is a next generation DOCSIS/EuroDOCSIS 3.0 2-line E-MTA that delivers two lines of primary-line Voice over IP (VoIP), and ultra-high speed data access. The TM902 provides SIP or NCS telephony combined with ultra-high speed data communication through advanced RF channel bonding and Giga Ethernet user data port. TM902 can achieve high bandwidth performance and carrier-grade Voice Quality without affecting the legendary high quality standards of ARRIS products. Designed to support the services desired most by advanced users, the TM902 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 and industry leading ARRIS voice features.

Performance and Features

- Voice performance equal to ARRIS industry leading E-MTA
- Configurable options for loop current, loop voltage management, and ringing waveform
- Loop Diagnostics for remote testing and troubleshooting of in-house wiring
- Advance Diagnostics for easy troubleshooting - Call Quality Metrics
- Flexible NxM downstream/upstream channel bonding with superior throughput
- Dual Mode DOCSIS/EuroDOCSIS operation in B and S models
- Multi-colored LEDs for rapid troubleshooting during installation or with customer service
- Integrated Universal Power Supply for higher reliability
- Downstream scanning override via web GUI for rapid installation
- Meet or exceed industry radiated immunity and surge requirements
- Easy to install and operate
- Upgradable to PackeCable2.0

Product Flyer

TM902S Rear View

www.arrisi.com

Find more information about the Touchstone® DOCSIS® 3.0 Telephony Modem TM902.

- Product Specifications—
  - Touchstone® TM902 DOCSIS® 3.0 Telephony Modem Technical Specifications (Publication Code: TM902_TS.pdf)

Customer Care

Contact Customer Care for product information and sales

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