

Scientific Atlanta's DDR2000 xDSL Residential Gateway Series



Your Gateway to the Connected Home.

Your operation can now have a high-speed network connection to multiple broadband services, taking full advantage of all that Internet Protocol (IP) network architectures have to offer while providing compelling services to consumers. Scientific Atlanta brings a family of innovative residential gateway solutions to operate with digital subscriber line (DSL) technology¹: ADSL2+, ADSL2+ pair bonded and VDSL2. All are high-performance gateways that integrate a xDSL modem with 4-port Ethernet switch, router, wireless access point, voice-over-IP, and HPNA 3.0 home networking solution. These devices facilitate seamless distribution of data, voice and Internet Protocol television (IPTV) within the home. The best part – all the content in the home can be interconnected. Imagine offering your subscribers the ability to²:

- Transfer content across television, personal computer, telephone and portable devices
- Share music and photos across platforms
- Search across all storage media sources at once
- Enable new, future service capabilities, such as call monitoring on television

Scientific Atlanta's DDR2000 series residential gateways deliver integrated broadband home networking that adheres to Home Phoneline Networking Alliance (HPNA) 3.0 standards. This allows whole home interconnectivity ideally suited for IPTV services over existing coax and twisted pair wiring in the home. Full routing functionality for Multi-Room™ sharing, true firewall capability and a web-based self-install interface are also available.

Innovation

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Powerful Performance in a Compact Package

Our DDR2000 series residential gateways support multiple DSL standards and Digital Subscriber Line Access Multiplexer (DSLAM) interoperability. The products incorporate voice, data and HPNA 3.0 over coaxial connectivity in one streamlined solution. In fact, this product is compact enough to sit on a desktop or mount onto a wall. Horizontal or vertical installation options are available. LED indicators help your subscribers easily determine operational status.

Indicators include:

- Power
- LAN (4 separate line indicators)
- USB (PC or other device)
- Wireless
- HPNA
- Telephone (2 lines)
- DSL
- Internet



Scientific Atlanta's
DDR2000 xDSL
Residential Gateway



Scientific Atlanta's DDR2000 xDSL
Residential Gateway Back Panel

Features Behind Our xDSL Residential Gateways

Scientific Atlanta's DDR2000 series residential gateways share common features and capabilities. Your Scientific Atlanta representative can assist you in identifying which xDSL residential gateway product is best suited for your operational needs.

Features include:

- Support of ADSL2+, ADSL2+ pair bonded and VDSL2 networks
- An integrated wireless 802.11g access point compliant with Wi-Fi Protected Access and is software upgradeable to 802.11i specifications
- Wide-Area Network interface capable of delivering high data rates downstream to support delivery of multiple SD and HD video streams
- Integrated HPNA 3.0 home networking to support IP over coax or twisted pair cabling in the home (up to 128 Mbps)
- 4-port 10/100BaseT Ethernet switch for easy connection to PCs and other devices
- Two line voice-over-IP (VoIP)
- USB host and client connectivity interfaces
- Integrated IP routing and multicasting
- Support for remote management based on TR-069 specifications
- Robust Quality of Service (QoS) mechanisms to ensure superior video and voice quality, extending throughout the HPNA 3.0 home network

Contact Us

We welcome the opportunity to share more information about our DDR2000 series xDSL residential gateways. Please contact your representative and move toward meeting your business goals today.

1. Expected availability by Q3 2006.

2. Contingent on middleware and application support as determined by the operator.