

200Mbps over existing electrical wires!

Tel: +44 (0)1256 301900
email: sales@reacttechnologies.com



ADSL2+ AV200 Powerline Gateway G

The World's first integrated ADSL2+ Residential Gateway with 200Mbps Powerline Technology and Wireless G++

The Corinex ADSL2+ AV200 Powerline Gateway G is the ultimate residential high speed Internet connectivity solution integrating a built-in ADSL2+ modem, AV200 Mbps Powerline, Wireless G, and a full featured router.

Telecom Operators and ISPs can utilize this unique Residential Gateway to stream video, including IPTV video and HDTV, from their ADSL Networks throughout a home over the existing electrical wiring. The Gateway provides seamless and easy to install connectivity to Set Top Boxes and Powerline enabled TV's and PC's throughout the home - all without adding any new wires! Built in Quality of Service and enhanced security features ensure smooth streaming of all content (video, voice, data and gaming, and more) while maintaining complete protection from unauthorized access to your information.

AV200 Powerline Technology features

- 200 Mbps over power lines (electrical wiring)
- Supports 9 simultaneous video streams (including HD)
- Connectivity throughout the entire home--every outlet!
- 2-34MHz frequency band
- Frequency notching
- Master/Slave architecture
- QoS / ToS
- VLANs
- Bulletproof security - 168-bit 3DES encryption
- Multicasting and IGMP Snooping
- Power output level control
- Remote Management

ADSL2+ features

- Industry-leading performance
- Performance optimized for ADSL & ADSL2+ with Dynamic Adaptive Equalization™

Wireless G++™ features

- 2x range for whole-house coverage
- Faster-than-ever throughput with 50% greater rate (34 Mbps TCP/IP)
- Superior signal robustness and interference rejection

Router features

- QoS, TOS Support
- Built in Firewall
- NAT (Network Address Translation)
- 3DES Security
- Four Ethernet Ports
- Web Management

Product Package Contents

- Corinex ADSL2+ AV200 Powerline Gateway G
- Installation CD with Corinex Setup Tool and documentation
- AC power cord, 1 x Ethernet cable, 1 x Phoneline cable
- Quick Start Guide

Related products

The Corinex family of 200 Mbps AV products consists of:

- CXP-AV200-ETH Corinex AV200 Powerline Ethernet Adapter
- CXP-AV200-WME Corinex AV200 Powerline Wall Mount
- CXP-AV200-RTR Corinex AV200 Powerline Router
- CXC-AV200-ETH Corinex AV200 CableLAN Adapter
- CXC-AV200-RTR Corinex AV200 CableLAN Router

Product Specifications

Product Code: CXA-AV200-RTG

**"The Corinex ADSL2+ AV200 Powerline Gateway:
 A Triple Play Revolution"**



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ADSL2+ AV200 Powerline Gateway G

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|-------------------------|--|
| Network Support | Static IP, Dynamic RIP Routing IP/TCP/UDP/ICMP/ARP/RARP Network Address Translation (NAT) Multi Range Port Mapping/Forwarding NAT Application Level Gateway DHCP Server/Relay/Client DNS Relay Agent DMZ Single sess. IP Sec & P1ptp/12tp vpn passthrough PPP Always on with configurable timeout PPP Dial on Demand |
| WLAN Support | IEEE 802.11b and 802.11g compliant WECA & Wireless Fidelity (Wi-Fi™) Seamless WLAN roaming 64/128/256 Bit WEP Encryption WPA Support Radius Support for 802.1x |
| ADSL/ATM Support | ITU-T G.992.1 G.993 G.992.5 ATM Layer with Traffic shaping QoS Support AAL ATM Attributes - AAL5 Multiple PVC up to 8 support FS OAM Loopback/Send and Receive |
| Management | Web Based HTTP management GUI Remote Firmware Upgradeability Diagnostic Test (DSL, OAM, Network, Ping Test Telnet/CLI (Read Only)) Syslog Support |
| Security | 168 bit 3DES Encryption NAT for Basic Firewall Support Stateful Packet Inspection Support Denial of Service protection Password Authentication to Modem |

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|---------------------------|--|
| Standards Compliance | Pre-UPA ANSI T1.413 issue 2 IEEE 802.3, IEEE 802.3u IEEE 802.11 b/g Wireless FCC and UL (US), CE (EU) |
| Data Rate | Powerline: up to 200 Mbps on physical layer Wireless (802.11g): up to 54 Mbps Ethernet: 10/100 Mbps |
| Interfaces | LAN: 4 x 10/100 Mbps Ethernet Port (RJ-45) WAN: 1 x 24 Mbps ADSL2+ Port (RJ-11) WLAN: 802.11 b/g antenna connector AC power connector for both Powerline networking and power supply. |
| Cabling Type | Standard RJ-11 cable for ADSL2+ Standard RJ-45 cable for LAN AC power cord |
| Unit dimensions | 203 mm L x 170 mm W x 45 mm H |
| Supported OS (Setup Tool) | Windows 98, ME, 2000, XP Linux MAC OS X |
| Electrical Parameters | Input Voltage: AC 110/120 or 220/240V AC Line Frequency: 60/50Hz (USA/Europe) |
| Environmental Parameters | Operating Temperature: 0°C to 40°C (32°F to 104°F) Operating Humidity: 10% to 85% Non-condensing Storage Temp: -20°C to 70°C (-4°F to 158°F) Storage Humidity: 5% to 90% Non-condensing |

