

 VisionNet™**202ES/R
ADSL ETHERNET MODEM / ROUTER****Multiple Topology Access Offers Versatility****High-Speed Internet Access for Residential / SOHO Customers**

The VisionNet 202ES/R "Plug-N-Play" Ethernet modem provides fast Internet access for all of your residential and SOHO ADSL needs. The scalability and interoperability of the VisionNet 202ES/R provides the user with ease of installation and reliable access to the Internet



The VisionNet 202ES/R router modem has G.DMT, ANSI, and G.Lite capability that, combined with its low power consumption and design, will support up to 8 Mbps downstream and 1 Mbps upstream.

Telecommuters

Telecommuters will benefit by being able to access the corporate LAN via IPsec while maintaining security on the local network.

Cutting Edge Design that Provides a Reduced Footprint

Versatile, compact and easy-to-use, the VisionNet 202ES/R design provides the user with more desktop space and is...

Secure

The VisionNet 202ES/R has a built-in firewall offering multiple user support while protecting your computers from outside intruders. The 202ES/R supports both PAT, NAT, and incorporates Firewall settings and user configurable filtering, including IP filtering.

Simple

DHCP Server and support for all major software packages makes the 202ES/R a **plug-and-play** solution. Up to 253 computers can simultaneously access the Internet, or Intranet.

The 202ES/R comes with a built in filtered phone port, reducing the number of external filters required and simplifying installation.

Versatile

Customize for Bridge or Router application. The embedded PPPoE client in the 202ES/R may be set to support multiple users or as a single user product. This offers service providers the ability to differentiate their offerings while still enjoying an embedded PPPoE client

**Complete Self-Install
Kits Available:**

VisionNet Inline and Wallmount Filters

- ADSL Standards-Compliant
- High-Speed, Always-on Broadband Connectivity
- Customer Self-Install Kit Includes: Necessary Software, Filters and Accessories
- Multi-Protocol Support Including PPPoA and PPPoE
- OS Independent
- Designed with Built-in Filtered Phone Port
- DMZ for gaming applications
- IPsec Pass-through
- Low Cost Modem to Router Upgrade
- Browser Configurable
- 7 Layer Diagnostics
- 5 Year Warranty

TECHNICAL SPECIFICATIONS

Features:

- Performance Speeds:
 - G.DMT
 - Downstream: Up to 8Mbps
 - Upstream: Up to 1Mbps
 - G.Lite
 - Downstream: Up to 1.5Mbps
 - Upstream: Up to 512Kbps
- Standard ADSL I/F:
 - ANSI T1.413 Issue. 2
 - ITU G.DMT (G.992.1)
 - Splitterless ITU G.Lite (G.992.2)
- Interface Connector:
 - USB, RJ-45 and RJ-11
- Local Interface: HTTP and CLI
- ATM Attributes:
 - AAL Type: AAL5
 - ATM Service Class: UBR, CBR, VBR, GFC
 - Signaling: PVC, SVC
 - UN 3.1 / UNI 4.0
 - VCs: Up to 16
- LED Indicators:
 - Power, USB, Tx/Rx, Sync, LAN, PPP

LAN Connector:

- 10/100Base-T Ethernet port (twisted pair RJ-45)

Modem / Router Protocols:

- RFC 1483/2684 Bridged Ethernet over ATM
- RFC 1483/2684 Routed IP over ATM
- PPPoA (RFC2364)
- PPPoE (RFC2516)
- RIP
- DHCP Server / Client
- DNS
- HTTP

Compatibility:

- G.DMT
- G.Lite
- ANSI T1.413

Certifications:

- CE marking
- FCC P68 Approved
- IC CS-03 Approved
- UL, C-UL – Listed
- FCC part 15 Registered

Management:

- Browser-based configuration
- CLI via Telnet
- DSL Forum TR-37 Auto-configuration compliant
- SMNPv1

Hardware:

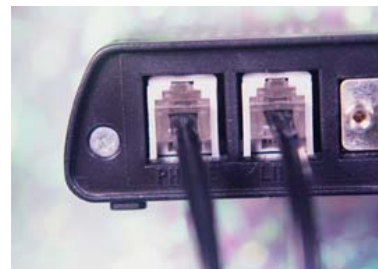
- SPARC V8 RISC Processor
- 8MB of SDRAM
- 2MB of FLASH ROM

Power Requirements:

- Adaptor AC voltage: 100 to 120V
- Adaptor DC Voltage: 12 V
- Frequency: 50/60 Hz
- Power consumption: MAX 6W
- Approved for connection to all major network operators

Physical Dimensions:

- 5.75(w) x 6.25(l) x 1.25(h) Inches



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