

INDUSTRIAL SERIES

Envoy™



The Envoy™ is ImageStream's lowest cost router. It supports up to two T1/E1 ports, and provides many powerful features including NAT firewall, QoS, VPN, VRRP, dynamic routing, line bonding, peer-to-peer traffic control, VoIP gateway, and more. The Envoy's extensive feature set makes it an ideal router for networking applications that require wire-speed performance in a low-cost package with advanced features.

The Envoy includes a fanless 266 MHz AMD Geode processor, 128 MB memory, two 10/100 ethernet ports, two Mini PCI slots, and one USB expansion bus. The Envoy can be bundled with one synchronous serial card or up to two T1/E1 ports. It is also designed to support add-on interface cards for ethernet, Basic Rate ISDN (BRI), FXO/FXS, and dial-up modem.

The Envoy leverages ImageStream's Inetics™ platform, which includes modular support for WAN protocols including PPP, Cisco HDLC and frame relay. Inetics also supports real-time port status and performance monitoring to simplify troubleshooting for LAN and WAN connections.

The Envoy is designed for branch offices, wireless POPs, and other small-scale routing applications. It offers wire-speed performance and solid reliability in a small but durable chassis. The Envoy can replace Cisco 1600, 1700 and 1800 series routers, and it provides a low-cost solution for small-scale virtual private network (VPN) and quality of service (QoS) applications where reliable performance is required.

Highlights

- Small footprint router
- Replaces Cisco 1600, 1700 & 1800
- Three expansion bays
- Two onboard 10/100 ethernet ports
- Routes two T1/E1s at wire speed*
- 31-day performance guarantee
- 1 year warranty on parts and labor
- Free software upgrades for life
- Lawful intercept including CALEA
- VoIP gateway & SoftPBX
- PowerCode™ OSS ready
- Runs on Linux®

Best Support

The Envoy router includes 2 hours of free support with cost-effective options for extended service. When you consider total cost of ownership, ImageStream routers cost less up front and over time.

Guaranteed Performance

Our 31-day performance guarantee ensures your router will function as promised. If your ImageStream router does not work as specified in writing, and our support team cannot correct the problem, you can return your router for a full refund of the purchase price. See our web site for details.



Well Connected

The Envoy includes two 10/100 ethernet ports and three expansion bays for flexible connectivity.



The Envoy's small footprint makes it easy to install just about anywhere.

Already Cool

The Envoy 1U is designed for fanless operation right out of the box.



Extended Temp

Choose the extended temperature option for applications that require -10° to +65° C.



ImageStream
Leading the Router Revolution™



Power LED

The power LED shows the power supply is on and powering the router.



Expansion Bays

The expansion bays can be used for T1/E1 ports, or other optional interfaces including ethernet, ISDN, FXO/FXS, and dial-up modem.

Console Port

The console port is used to configure the router via modem or laptop.

Sync Serial Port

The optional sync serial port supports V.35, X.21, and RS232/422.

T1/E1 Ports

The Envoy supports up to two optional T1/E1 ports.

10/100 Ethernet

10/100 ethernet ports for flexible LAN connectivity.

DC Power Connector

The DC power connector is used to connect power to the Envoy.

ENVOY SPECIFICATIONS

Chassis: Aluminum set-top
 Processor: 266 MHz AMD Geode
 Memory: 128 MB SDRAM
 Storage: Fixed flash disk
 Network Ports: Two 10/100 ethernet
 Management Port: Serial console

Expansion Interface

(2) 32-bit 33 MHz Mini PCI slots
 (1) USB 1.1 bus

Power Supply

Design: External AC-DC adapter
 AC Mains: 100 - 240 VAC, 50/60 Hz
 DC Output: 5 VDC at 2.5 amps
 Power Output: 12.5 W

Dimensions

Height: 1.75 inches (4.4 cm)
 Width: 6.25 inches (15.9 cm)
 Depth: 6.25 inches (15.9 cm)
 Weight: 1.2 lbs. (0.5 kg)

LAN Card Options

1-port 10/100 ethernet

WAN Card Options

1 sync serial port
 1 or 2 T1/E1 ports
 1-port basic rate ISDN (BRI)
 1-port 56 K modem

Software

- ImageStream Linux™
- High-performance kernel
- Scalable Inetics™ platform
- Menu-driven configuration
- PowerCode™ BMU function
- VoIP gateway & SoftPBX
- Web caching
- Web filtering with Netsweeper
- Intrusion detection & prevention
- On-line & off-line upgrades
- Local and remote logging

- Real-time monitoring
- Quality of Service (QoS)
- Bandwidth limiting
- Packet filtering
- Port forwarding
- Packet processing by PVC
- Peer-to-peer traffic control
- System scheduler
- PPP, Cisco HDLC, and frame relay
- MLPPP & MLFR
- PPPoE & PPPoA client & server
- SoftCell™ ATM
- CEF-compatible bonder
- RIP and OSPF dynamic routing
- SNMP and NetFlow® accounting
- NAT firewall (1:1 & 1:many)
- NTP clock synchronization
- LAN and WAN bridging
- Concurrent bridging & routing
- Secure telnet (ssh v.2)

- L2TP tunneling (LNS & LAC)
- GRE, IPsec & CIPE tunneling
- Remote RADIUS
- TACACS+
- DHCP client & server
- IPsec & SSL VPNs
- VRRP router failover
- Lawful intercept
- VLAN tagging
- IPv6

ImageStream
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* See ImageStream's Web site for details on wire-speed specs. Terms and specs are subject to change without notice.

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