

Deliver **MPEG-TS** over all **IP NETWORKS**

Cutting-Edge IP Video Transport

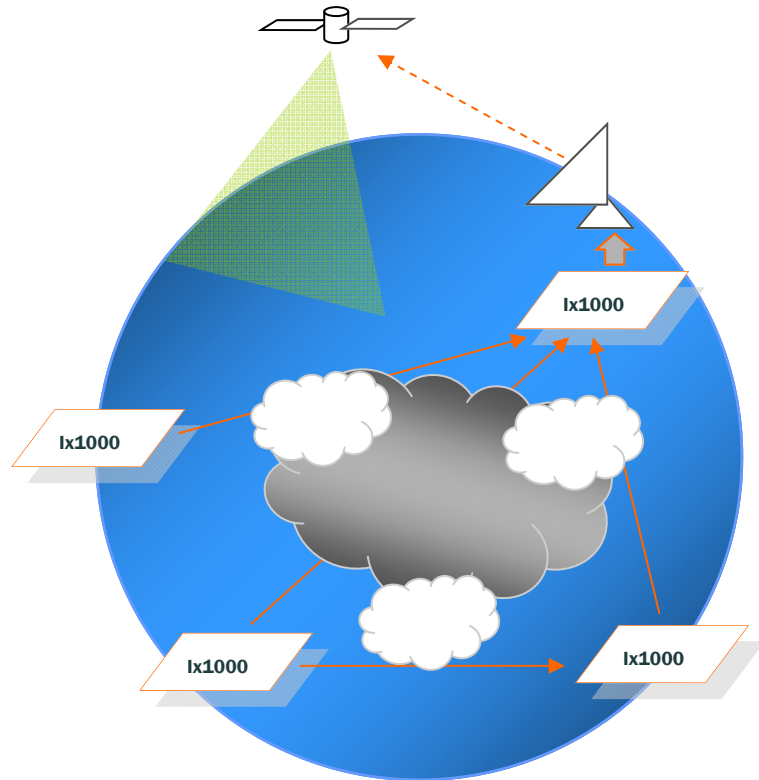
- *Network monitoring*—Monitors and records key network statistics to ensure perfect video: Loss Period (LP), Loss Distance (LD), and jitter
- *RepliCaster*—Optional stream replication technology that facilitates point-to-multipoint transport in MPLS and Public Internet networks
- *Error Correction* — Provide SMPTE 2022 or ClearPath Pro™ error correction to transport streams

ClearPath Pro™

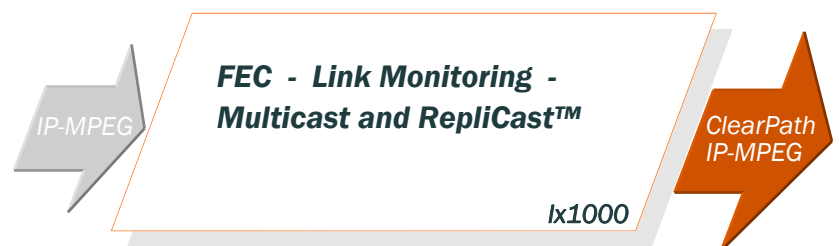
- *Beyond SMPTE 2022*—ClearPath Pro’s standard extensions provide the additional signal conditioning that Public Internet traffic requires
- *Enhanced jitter/burst protection*—More robust packet recovery protection than that provided by the SMPTE 2022 standard; “Internet QoS”
- *Firewall friendly*—Single source UDP enables simplified firewall penetration over SMPTE 2022’s multiple UDP streams
- *Smart packet interleaving*—More efficient bandwidth utilization



Contribution and Distribution: transport video over multiple IP networks to any teleport or headend

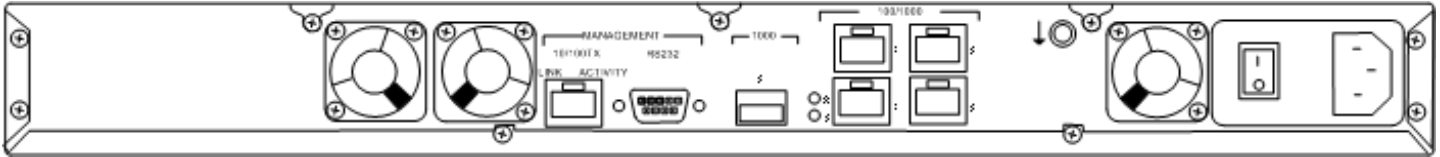


The Ix1000 routes, monitors and applies FEC to IP-MPEG, enabling high reliability service over any network





Ix1000



Network Interfaces

- Type: Five Gigabit Ethernet ports (two ports can be configured, an active port and a backup port); Ports 4 and 5 are not supported
- Connector: SFP module (1000Base-SFP on Port 1)
RJ-45 copper (10/100/1000 Base-T on Ports 2, and 3;
- Protocols: IEEE802.3 Ethernet, RTP, ARP, IPv4, IGMP v2/3, TCP/UDP, SNTP
- Formats: MPEG-2 transport stream (188 / 204 byte)
- Bitrate: Max. 960 Mbps

Stream Processing

- TS Encapsulation: SMPTE 2022
- Forward Error Correction (FEC): SMPTE 2022 and ClearPath Pro
- Transport Stream Processing: Transparent

Control and Management

- Type: 10/100 Fast Ethernet
- Connector: RJ-45
- Protocols: SNMP, FTP, Telnet, HTTP, SNTP
- Features: HTTP Web Interface; SNMP w/ traps for integration into Network Management System
- Configuration Interface: 1 RS232 (male DB-9) serial interface

Front Panel

- Display: 2 lines by 24 characters
- Interface: 12 numeric and 5 navigational buttons
- Indicators: 4 LEDs: power, activity, fault, log

Chassis

- Rack Size: 1RU
- Height: 1.75 inches
- Width: 17.25 inches
- Depth: 17.5 inches
- Weight: 17 pounds

Environmental

- Operating Temperature: 32° to 131° F (0° to 50° C)
- Operating Humidity: 10% to 95% non-condensing
- Storage Temperature: 14° to 158° F (-10° to 70° C)
- Certifications: CE, UL and FCC certified

Electrical

- Input Voltage: 100–240 VAC
- 50-60 Hz
- 0.5 Amps
- 48V DC optional

Specifications subject to change without notice.



Path 1 is a division of IPVN.

+1-858-366-4391 | sales@path1.com | www.path1.com