

For more information or to buy these products please contact Carol or Terry
 NyeTec Limited
 Email:- sales@nyetec.com
 Phone +442389 269113



VideoFlow's DVP10 protector and sentinel lower the cost of live HD quality video contribution and distribution over a standard Internet connection.

Main Benefits

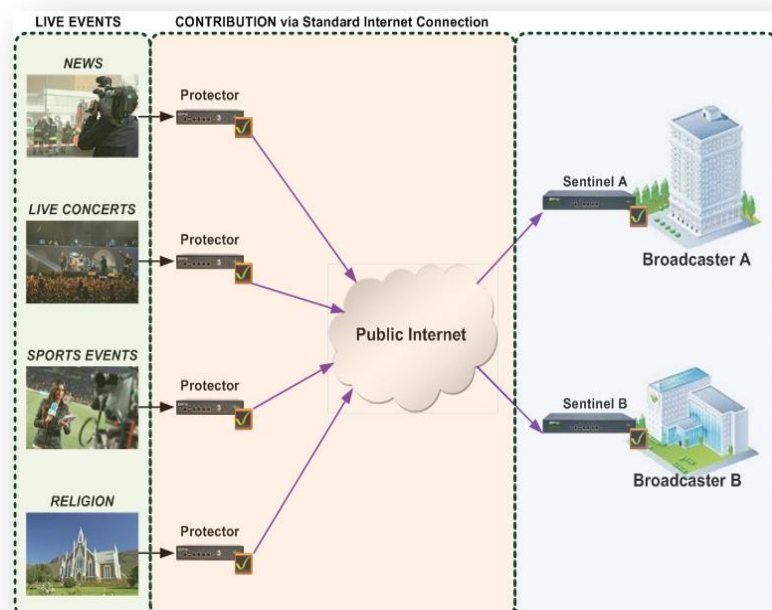
- ✓ Turning the Internet into a live video distribution and contribution network
- ✓ High quality no matter the cloud behavior
- ✓ Enabling the delivery of HD quality live video over long distances across the cloud
- ✓ No need for external router to open VPN tunnel
- ✓ No need for VPN premium services from ISP

Both the private and the public Internet are challenging environments for providing live HD quality video streaming. Being a statistical network, the Internet will cause bandwidth fluctuation, random packet loss and unpredictable end-to-end delay (jitter), which translates immediately into degradation in the video quality. In addition, the Internet routers are blocking multicast streams used for broadcasting live content.

Current available solutions to stream video involve renting a leased line and a VPN tunnel to transport broadcast quality video. However, this solution will not guarantee error free video and will often require a multi-box solution. The DVP10 series includes VideoFlow's 3V technology enabling a point of convergence serving as video aware network gateway. The DVP10 is not requiring any external box or service hence make it perfect for easy and scalable deployment of live video contribution and distribution over the Internet. Furthermore, the DVP10 series provide robust, flexible, and cost effective solution to carry live HD video over long distances that easily competes with satellite and legacy transport networks.

Main Features

- ✓ Recovering 100% of lost packets
- ✓ Eliminating excessive jitter
- ✓ Protected tunnel across the Internet
- ✓ ETR290 video probe
- ✓ Device redundancy
- ✓ Web-based Management
- ✓ Software upgrades via FTP



Typical Application: Low-cost HD Quality Contribution over the Internet

For more information or to buy these products please contact Carol or Terry
NyeTec Limited
Email:- sales@nyetec.com
Phone +442389 269113

MPEG over IP Network Interfaces

- Ports: 3× 10/100/1000 Base-Tx, RJ-45
- Power off bypass
- Max bit rate: 10Mbps
- Max number of Streams: 3
- SPTS, MPTS
- MPEG Encapsulation: RTP/UDP/IP, 1-7 TS packets/UDP
- MPEG Format: 188 Bytes/TS pkt
- Protocols:
 - IEEE 802.3x, 802.1D, 802.1w, 802.1Q
 - Multicast (IGMPv1, IGMPv2, IGMPv3)
 - ARP
 - ICMP
- Protocol Conversions
 - UDP to RTP (Protector)
 - RTP to UDP (Sentinel)
 - IP and port

Control and Monitoring

Remote

- 10/100/1000 Base-Tx, RJ-45
- SNMP
- Web based Management
- HTTP/HTTPS
- CLI
- Netconf (YANG)
- Telnet/SSH

Local

- RS-232 through RJ-45
- 2× USB connectors

VPN tunneling

- GRE tunnel over public internet
- IPsec over public internet
- Max number of tunnels: 1

TS Analysis

- MPEG-2 / MPEG-4 / H.264
- SD/HD
- PID information
- CC information
- PMT information
- PAT information
- PCR bit rate information
- ETR 290 Priority 1, 2, 3 Compliant Statistics

Environmental

Operation

- Temperature: 0°C - 40°C
- Humidity: 5% - 85% (non condensing)

Storage and Transportation

- Temperature: -20°C - 75°C
- Humidity: 0% - 95% (non condensing)

Compliance

- CE/FCC/UL/RoHS

Physical Characteristics

Power

- Max Power Consumption: 60W
- Input Voltage: 12 VDC

Size

- Dimensions (W×H×D):
280×45×180 mm (11"×1.7"×7.1")

Weight

- 4.2kg (9.3lb)

Ordering Options

DVP10PI Digital Video Protector offer protecting up to 6Mbps or up to three streams, one GRE tunnel, and ETR290 video monitoring probe.

DVP10SI Digital Video Sentinel offer protecting up to 6Mbps or up to three streams, one GRE tunnel, and ETR290 video monitoring probe.

LO10BE4 4Mbps bandwidth expansion for DVP10.

Contact Us:
info@video-flow.com

VideoFlow, Ltd
7 Habatzir st. Binyamina 30500
Israel

Tel: +972-4-6388678
Fax: +972-4-6288180
www.video-flow.com