MVIP-II improves on the first generation MVIP by offering all of the same features plus fault based recording. MVIP-II also offers more simultaneous decodes with up to 64 MPEG-2/H.264 SD or 32 MPEG-2 / H.264 HD or 16 HEVC HD or 32HEVC SD. The MVIP-II can be used to monitor both "main screen" encodes as well as "over the top" streams including: HLS, LSS, HDS and MPEG-DASH on top of standard MPEG-2 transport streams.

MVIP-II has been developed to be used as a tool for digital headends, IPTV networks, and sites using IP for distribution with a requirement to monitor and display audio and video along with fault information and transport details on a simple to configure system.

MVIP-II supports all major video compression standards including HEVC and therefore can be used in almost any application where video and audio are being transported over IP. MVIP-II is SNMP enabled which allows VistaLINK to configure and store all monitoring values and alarms.

Integration of MVIP-II and VistaLINK allows Source Cycling, Penalty box, fault logging and reporting under a single management system with the ability to have multiple MVIP-II units or Evertz monitoring products as a monitoring resource pool.
**Features & Benefits**

- Supports all major transport: UDP, RTP, HLS, LSS, HDS, MPEG-DASH, MMSSH, MMST, RTMP
- Supports video compression formats: MPEG-2, H.264/AVC, HEVC
- Supports audio compression formats: MPEG-1, MPEG-2, AC-3, AAC, Dolby E
- Up to 8 audio program decode Stereo or Dolby 5.1
- Dual output resolution up to 1920x1200
- Audio monitoring output
- Decoded video can be displayed multiple sizes up to full screen on the multiveiwer outputs
- Decoded and display up to 9 different DVB subtitle or caption per program.
- Simple and easy to use on screen user interface
- Stream capture based on fault
- Remote access using VNC software to MViP-II

**Specifications**

**Physical Interface**

- **IP Inputs:** 1Gbs RJ45 Ethernet connector x 4 (Management & Data)

- **Physical Dimension:** 27.56”D x 17.72”W x 3.43”H
- **Rack Units:** 2RU
- **Cooling:** Front to back air flow
- **Electrical Power Supply:** 2 x 770 Watts
- **Voltage:** 110/240V switching power supply
- **EMI/RFI:** Complies with FCC Part 15, Class A. EU EMC Directive

**Additional Input Format:**

- RF via 7780DM-LB+IP series. (optional)
- ASI via 7880IP-ASI-IP and 3080ASI-IPGE series. (optional)
- Set-top-box via 160RM

**USB Ports:** USB 2.0 x 2 (Keyboard/Mouse & upgrades)

**Outputs**: DVI-D x 2

**Resolution:** 7880TSM-IP (optional) XGA up to WUXGA (1920X1200) landscape or portrait

**Audio Outputs:** 3.5MM audio jack

**Transport Protocols:**

- MPEG transport stream MPTS or SPTS over UDP
- Multicast or Unicast
- MPEG transport stream MPTS or SPTS over RTP/UDP
- Multicast or Unicast
- TS over TCP

**Video Decode Formats:**

- MPEG-2 SD (MP@ML)
- MPEG-2 HD (MP@HL)
- MPEG-4 Part 2
- H.264/MPEG-4 AVC SD (MP@L3)
- H.264/MPEG-4 AVC HD (MP@L4)
- H.264/MPEG-4 AVC HD (High 4:2:0@L4.1)
- VC-1 (SMPTE ST 412)

**Audio Decode Formats:**

- MPEG-1 L2 Audio
- AC3 Audio
- E-AC3 Audio
- AAC Audio
- Dolby E® Audio monitoring

**Multi-Cast Protocols:**

- IGMP v2
- IGMP v3 with SSM

**Video Decode Formats:**

- MPTS/SPTS bandwidth information display
- TR101290 monitoring via 7880TSM-IP or 3480TSM-IP

**Hardware:**

- 2RU chassis
- Redundant power supply
- 2 xGigE ports (option to add 4 additional ports)
- Build on Linux OS platform

**Ordering Information**

**MViP-II**

- **Features & Benefits**
  - Supports all major transport: UDP, RTP, HLS, LSS, HDS, MPEG-DASH, MMSSH, MMST, RTMP
  - Supports video compression formats: MPEG-2, H.264/AVC, HEVC
  - Supports audio compression formats: MPEG-1, MPEG-2, AC-3, AAC, Dolby E
  - Up to 8 audio program decode Stereo or Dolby 5.1
  - Dual output resolution up to 1920x1200
  - Audio monitoring output
  - Decoded video can be displayed multiple sizes up to full screen on the multiveiwer outputs
  - Decoded and display up to 9 different DVB subtitle or caption per program.
  - Simple and easy to use on screen user interface
  - Stream capture based on fault
  - Remote access using VNC software to MViP-II

- **Specifications**
  - **Physical Interface**
    - **IP Inputs:** 1Gbs RJ45 Ethernet connector x 4 (Management & Data)
  - **Physical Dimension:** 27.56”D x 17.72”W x 3.43”H
  - **Rack Units:** 2RU
  - **Cooling:** Front to back air flow
  - **Electrical Power Supply:** 2 x 770 Watts
  - **Voltage:** 110/240V switching power supply
  - **EMI/RFI:** Complies with FCC Part 15, Class A. EU EMC Directive

- **Additional Input Format:**
  - RF via 7780DM-LB+IP series. (optional)
  - ASI via 7880IP-ASI-IP and 3080ASI-IPGE series. (optional)
  - Set-top-box via 160RM

- **USB Ports:** USB 2.0 x 2 (Keyboard/Mouse & upgrades)

- **Outputs**: DVI-D x 2

- **Resolution:** XGA up to WUXGA (1920X1200) landscape or portrait

- **Audio Outputs:** 3.5MM audio jack

- **Transport Protocols:**
  - MPEG transport stream MPTS or SPTS over UDP
  - Multicast or Unicast
  - MPEG transport stream MPTS or SPTS over RTP/UDP
  - Multicast or Unicast
  - TS over TCP

- **Video Decode Formats:**
  - MPEG-2 SD (MP@ML)
  - MPEG-2 HD (MP@HL)
  - MPEG-4 Part 2
  - H.264/MPEG-4 AVC SD (MP@L3)
  - H.264/MPEG-4 AVC HD (MP@L4)
  - H.264/MPEG-4 AVC HD (High 4:2:0@L4.1)
  - VC-1 (SMPTE ST 412)

- **Audio Decode Formats:**
  - MPEG-1 L2 Audio
  - AC3 Audio
  - E-AC3 Audio
  - AAC Audio
  - Dolby E® Audio monitoring

- **Multi-Cast Protocols:**
  - IGMP v2
  - IGMP v3 with SSM

- **Video Decode Formats:**
  - MPTS/SPTS bandwidth information display
  - TR101290 monitoring via 7880TSM-IP or 3480TSM-IP

- **Hardware:**
  - 2RU chassis
  - Redundant power supply
  - 2 xGigE ports (option to add 4 additional ports)
  - Build on Linux OS platform

- **Additional Input Format:**
  - RF via 7780DM-LB+IP series
  - ASI via 7880IP-ASI-IP and 3080ASI-IPGE series.
  - Set-top-box via 160RM

- **Transport Stream Analysis:**
  - 7880TSM-IP (optional)
  - 3480TSM-IP (optional)

- **Physical Dimension:** 27.56”D x 17.72”W x 3.43”H
- **Rack Units:** 2RU
- **Cooling:** Front to back air flow
- **Electrical Power Supply:** 2 x 770 Watts
- **Voltage:** 110/240V switching power supply
- **EMI/RFI:** Complies with FCC Part 15, Class A. EU EMC Directive

**Ordering Options:**

- REC Stream capture based on fault
- ENC H.264 Encoded output and HLS streaming (mirror copy of DVI outputs)
- CCA Allows up to 10 Source cycling per input/ Decoder