Three models available

- **MV-1200**: HDMI 4 inputs/1 output (standard).
- **MV-1210**: SDI 4 inputs/1 output (standard).
- **MV-1220**: SDI 8 inputs/2 outputs + HDMI 1 output (standard).

Features

- **HDMI 2.0 LEVEL B output, using MV-12PCO**
  - 3840 x 2160, YUV 4:2:0
- **Versatile Mixed-Source Environment**
  - Supports mixed signals including: 3G-SDI (Level A/B), HD-SDI, SD-SDI, Composite, HDMI, or DVI sources. Asynchronous input is also supported.
  - The multi viewer accepts an array of formats and frame rates including NTSC, PAL, 1080/59.94i, 1080/50i, and 30/29.7/25/24/23.98p or PsF. (No frame rate conversion)
- **HD to 4K up-resizing, using MV-12PCO and MV-12SDO**
- **Logo display in title areas**
  - Import a bitmap from the logo registration screen, or generate and register a logo using a web browser.
- **Layout Manager**
  - Customize layouts, using the software in Windows to adjust image size, position, title display, and other settings.
  - Store layouts on the viewer.
  - Recall saved layouts directly from the front panel control.
- **Video can be streamed from the multi viewer over Ethernet.**
- **Capture specified frames of streamed video.**
- **Audio Level Display for up to 16 channels**
- **Audio Monitoring Output**
- **Flashing borders or error icons/messages to identify screens with errors**
- **Tally, Title, and Timecode**
- **Time of day, Timer, and Information Display**
  - View error logs or user text in the Information Display.
  - Input Lock enables genlock without using reference signals.
  - Can display time based on a 30-hour clock.
  - Register up to 24 schedule timers per day for 1 week.
- **Cropping**
  - Specify areas to crop in pixels or by percent.
  - Background image is shown outside cropped areas.
  - Aspect ratio also maintained after partial cropping (of one side, for example).
- **Detects frozen frames. (Y/C and Y only)**

A variety of optional cards to expand your network connectivity

- **Optional interface I/O slot**
- **Optional input slot A**
  - 3G/HD/SD-SDI or analog composite input (4 channels of input, 1 channel of output)
  - HDMI (4 channels of input, 1 channel of output)
- **Optional input slot B**
  - MV-125D: 3G/HD/SD-SDI or analog composite input (4 channels of input)
  - HD/SD-SDI or analog composite (2 channels of input, 2 channel of output)
  - HDMI (1 channel of output)
- **Optional output slot**
  - MV-1210: Serial control, GPIO, LTC input, REFERENCE input
  - MV-1220: Analog audio output, ALARM output (PS1/PS2/FAN), Ethernet
  - MV-125D: 3G/HD/SD-SDI or analog composite input (4 channels of input)
  - MV-12SDI: 3G/HD/SD-SDI or analog composite input (4 channels of input)

Example of expansion: MV-1220

*1 Use of MV-12EXP option allows both SDI/HDMI input and output.
*2 Combine up to 2 optional input cards: MV-12SDI (3G/HD/SD-SDI, Composite x 4); MV-12PCI (DVI/HDMI x 4); or the MV-12IF interface card (GPIO, serial control; LTC input, genlock input), as needed.
Accessories

EIA Rack mount brackets, AC cord, rubber feet, HDMI cable lacing bracket, CD-ROM, quick setup guide

Options

- **MV-12PS**: Redundant power supply (Includes an AC adaptor and AC cord)
- **MV-12IF**: Interface card
  Expansion card supports GPIO, RS-232C/422/485 and Genlock input.
  Tally inputs, time correction, and alarm resets using up to 36 contact closure inputs to the GPIO connector on the rear of the unit.
- **MV-12SDI**: 4-input SDI card
  4-input card supports 3G-SDI (Level-A/Level-B)/HD-SDI/SD-SDI/analog composite (mixed input) signal formats.
- **MV-12SDI**: 4-input HDMI card
  4-input card supports DVI-D or HDMI signal formats (mixed input). To input DVI-D signals, prepare DVI-HDMI conversion cables.
- **MV-12SDO**: 4-output SDI card
  4-output card supports 3G-SDI (Level-A/Level-B)/HD-SDI signal formats.
- **MV-12SDO**: 4-output HDMI card
  4-output card supports DVI-D or HDMI signal formats.
  HDMI2.0 Level B mode is available. It allows you to output 4K video using a single HDMI port.
- **MV-12EXP**: 4-input 1-output expansion software (For MV-1200 and MV-1210 only)
  When input option cards and MV-12EXP are installed, up to 16 inputs are available.
- **MV-12SNMP**: SNMP-compatible software
  Enables the SNMPv2C compatible remote SNMP monitoring system to monitor the MV-1200 Series.
  *HDMI Cable Lacing Bracket (1 set) included.

Other Option

- **HVS-AUX16A/16B/32A/64A**: Auxiliary unit (Ethernet LAN Connection)
  *Up to 6 units can be connected