

3G/HD/SD/ANALOG/HDMI/DVI MIXED HIGH RESOLUTION MULTI VIEWER

MV-1200/1210/1220



Compact (1U) multi viewer for monitoring, featuring up to 16 inputs. Build a versatile, flexible 4K (UHD) editing environment.

Three models available

- MV-1200*1: HDMI 4 inputs/1 output (standard).
Up to 16 inputs/6-monitor outputs (SDI/HDMI mixed, optional*2)
- MV-1210*1: SDI 4 inputs/1 output (standard).
Up to 16 inputs/6-monitor outputs (SDI/HDMI mixed, optional*2)
- MV-1220: SDI 8 inputs/2 outputs + HDMI 1 output (standard).
Up to 16 inputs/7-monitor outputs (optional*2)

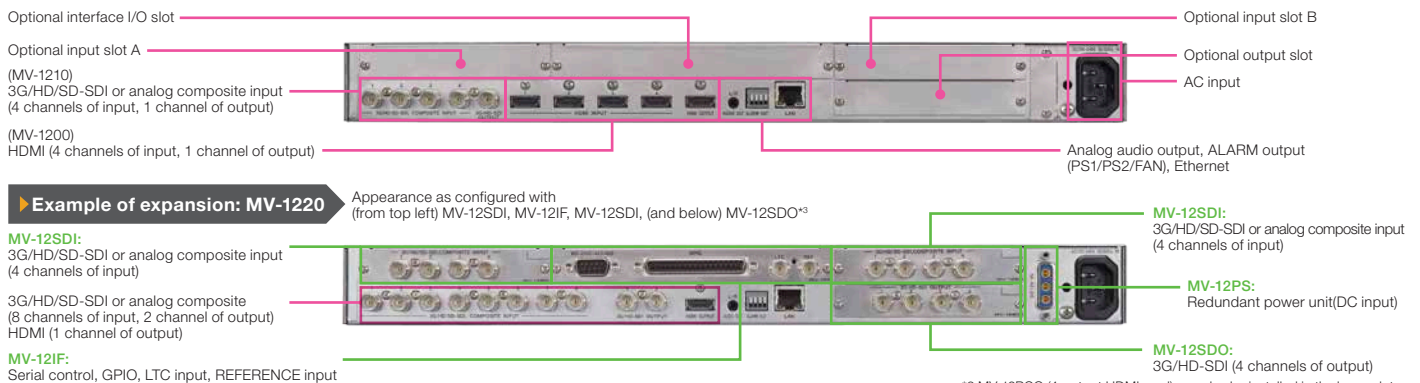
*1 Use of MV-12EXP option allows both SDI/HDMI input and output.

*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.

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 30/29.97/25/24/23.98p 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



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-12PCI* : 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-12PCO* : 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)**



HVS-AUX16A (16-buttons)



HVS-AUX16B (16buttons, tablet-top model)



HVS-AUX32A (32-buttons)



HVS-AUX64A (64-buttons)

*Up to 6 units can be connected



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