The MV-42HS is a 4-channel multi viewer that resizes and display up to 4 inputs of HD-SDI and SD-SDI signals on a single screen.

The MV-42HS is most suitable for monitoring systems with mixed HD-SDI and SD-SDI input signals. Audio level metering of SDI embedded audio signals is provided allowing audio signal presence to be monitored.

- Support for mixed input of HD-SDI and SD-SDI signals (Mixed and asynchronous input supported)
- Support for mixed input of analog composite (option)
- Audio level metering for HD/SD-SDI embedded audio signals (Up to 8 channels display)
- HD-SDI and DVI-D (1920 x 1080 or 1280 x 720) high definition image output
- Full screen, 2-split (right and left), and quad screen output selectable
- Video loss detection
- Display of ancillary time code (ATC) embedded on HD/SD-SDI input signals
- Title display of up to 16 characters for each input (alphabetic and symbol)
- With the interface option, genlock input, color selectable (red and green) tally indicator display, remote control via LAN, and date/time display can also be supported
Specifications

### Video Input
- 4 inputs in the following video formats (mixed input, asynchronous acceptable)
- **HD-SDI**
  - 1.485Gbps or 1.485/1.001Gbps, 75Ω BNC
  - Color format: YCbCr (4:2:2)
  - Quantization: 10-bit
- **SD-SDI**
  - 270Mbps 75Ω BNC
  - Color format: YCbCr (4:2:2)
  - Quantization: 10-bit
- **Video Format**

### Video Output
- **HD-SDI**
  - 1.485Gbps or 1.485/1.001Gbps, 75Ω BNC x 1
  - Color format: YCbCr (4:2:2)
  - Quantization: 10-bit
- **DVI-D**
  - DVI-D connector x 1
  - Color format: RGB
  - Quantization: 8-bit
  - HDCP is unsupported
- **Video Format**
  - 1080i/60, 1080i/59.94, 1080i/50, 720p/50, 720p/50PsF
  - No input/output frame rate converter.
  - A frame rate difference between the input and output may result in a repeat frame or drop frame.
- **I/O Delay**
  - Max. 1.5 frames

### Screen
- Display Full screen, 2-split screen, Quad-split screen
- Audio Level Metering
- Data Backup
- Interface
- RS-232C
  - 9-pin, D-sub (male) x 1
  - Baud rate: 38,400bps, Data length: 8-bit, Stop bit: 1-bit, Parity: NONE

### Power
- **Power Consumption**
  - 22 VA (12 W) (at 100 V), 23 VA (11 W) (at 200 V)
  - 26 VA (16 W) (at 100 V), 29 VA (15 W) (at 200 V)
  - 23 VA (13 W) (at 100 V), 26 VA (13 W) (at 200 V)
- **Dimensions / Weight**
  - 212 (W) x 44 (H) x 161 (D) mm / 1.16 kg

### I/O Options
- AC adaptor
- Rack mount brackets (single or dual mount)
- Used with the optional AC adaptor.
- Cooling fan: P1472 Replace every 3 years (at room temp.)
- 22 VA (12 W) (at 100 V), 23 VA (11 W) (at 200 V)

### External Dimensions

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**MV-42HS (Analog Composite Input Card) Option**

- **Video Input**
  - 4 inputs (Select analog composite or SDI input for each input channel in the menu.)
  - Analog composite: 1.0 Vp-p, 75Ω BNC
  - Color format: YCbCr (4:2:2)
  - Quantization: 8-bit
- **Video Format**
  - 75Ω BNC

### MV-42FA (Interface Card) Option

- **Interfaces**
  - Genlock Input
  - 75Ω BNC x 1
  - HDMI Input
  - 10Base-T/100BASE-TX RJ-45 (Category 5) x 1
  - RED/WHITE tally inputs 1 to 4 (Positive logic level signal or Make-contact)

### Accessories

- Quick Setup Guide, and CD-ROM (Operation manuals)
- Cooling fan: P1472 Replace every 3 years (at room temp.)
- 22 VA (12 W) (at 100 V), 23 VA (11 W) (at 200 V)

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**FOR-A Corporation of America**

Head Office: 3-9-1 Ebisu, Shibuya-ku, Tokyo 150-0013, Japan

Head Office:

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