

HD/SD Multi Viewer (Quad Viewer)

MV-42HS

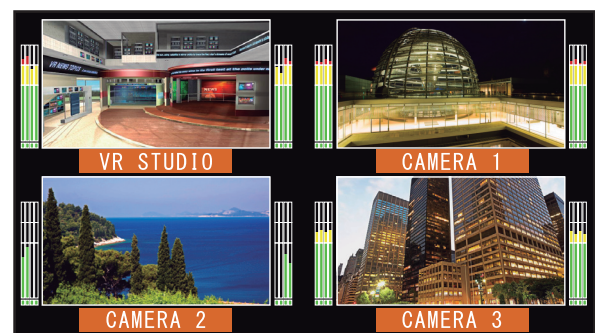


The MV-42HS is a 4-channel multi viewer that resizes and display up to 4 inputs of HD-SDI and SD-SDI signals on a single screen. Audio level metering of SDI embedded audio signals is provided allowing audio signal presence to be monitored. The MV-42HS is most suitable for monitoring systems with mixed HD-SDI and SD-SDI input signals.

- 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 (alphanumeric 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.



Compact Size



Display Image (Quad View)

Specifications

Video Input	4 inputs in the following video formats (Mixed input, asynchronous acceptable) HD-SDI: 1.485 Gbps or 1.485/1.001 Gbps 75Ω BNC, Color format: YCbCr (4:2:2), Quantization: 10-bit SD-SDI: 270 Mbps 75Ω BNC, Color format: YCbCr (4:2:2), Quantization: 10-bit
Video Format	1080/60i, 1080/59.94i, 1080/50i, 1080/30p, 1080/30PsF, 1080/29.97p, 1080/25p, 1080/25PsF, 1080/24p, 1080/24PsF, 1080/23.98p, 1080/23.98PsF, 720/60p, 720/59.94p, 720/50p, 720/24p, 720/23.98p, 525/60 (NTSC), 625/50 (PAL)
Video Output	HD-SDI: 1 output, 1.485 Gbps or 1.485/1.001 Gbps 75Ω BNC, Color format: YCbCr (4:2:2), Quantization: 10-bit * Embedded audio is unsupported DVI-D: 1 output, DVI-D connector, Color format: RGB, Quantization: 8-bit * HDCP is unsupported
Output Video Format	1080/59.94i, 1080/50i, 720/59.94p, 720/50p * No input/output frame rate converter. Frame rate difference between input and output may result in the repeat frame or drop frame.
I/O Delay	Max. 1.5 frames
Screen Display	Full screen, 2-split screen, Quad screen
Audio Level Metering	Audio level metering for HD/SD-SDI input signal embedded audios (Up to 8 channels)
Time Code Display	Embedded time code display for HD/SD-SDI signals
Title Display	Max.16 characters x 1 line for each input channel, Character types: Alphanumeric characters and symbols
Data Backup	Stores the setting data to EEPROM
Interface	RS-232C: 9-pin D-sub (male) x 1 Baud rate: 38,400 bps, data length: 8-bit, stop bit: 1-bit, Parity: NONE
Temperature/Humidity	0°C to 40°C / 30% to 90% (no condensation)
Power / Power Consumption	12 V DC (DC jack) *AC adaptor can be separately purchased. / 22 VA (12 W) (at 100 V), 23 VA (11 W) (at 200 V)
Dimensions/Weight	212 (W) x 44 (H) x 161 (D) mm / 1.25 kg
Accessories	Operation manual
Options	AC Adapter, Rack mount bracket set

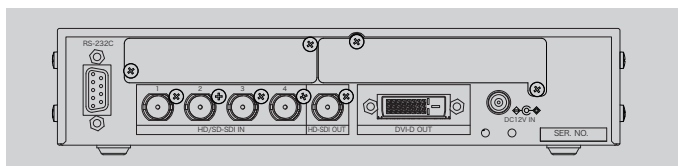
MV-42AI (Analog Composite Input Card Option)

Video Input	Analog composite: 1.0 Vp-p 75Ω BNC x 4 (Analog composite or SDI input selectable for each input using the menu) Color format: YCbCr (4:2:2), Quantization: 8-bit
Video Format	NTSC, PAL

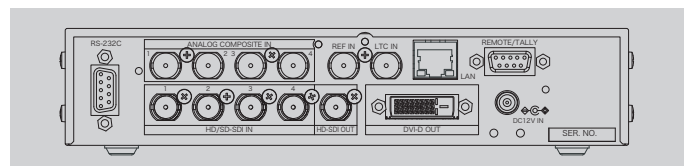
MV-42IF (Interface Card Option)

Genlock Input	75Ω BNC x 1 BB: NTSC 0.429 Vp-p/PAL 0.45 Vp-p, Tri: 0.6 Vp-p
LTC Input	75Ω BNC x 1 SMPTE time code: 1.0 Vp-p within ±6 dB
REMOTE/TALLY Input	9-pin D-sub female: Up to 8 inputs Red/green tally inputs CHs 1-4 (negative logic level signal or make contact) Full screen switching, full screen display, multi channel screen display, time correction, alarm reset (negative logic pulse signal or make contact)
Date/Time Display	Internal clock or LTC time code input
LAN	10BASE-T/100BASE-TX, RJ-45 (Category 5) x 1

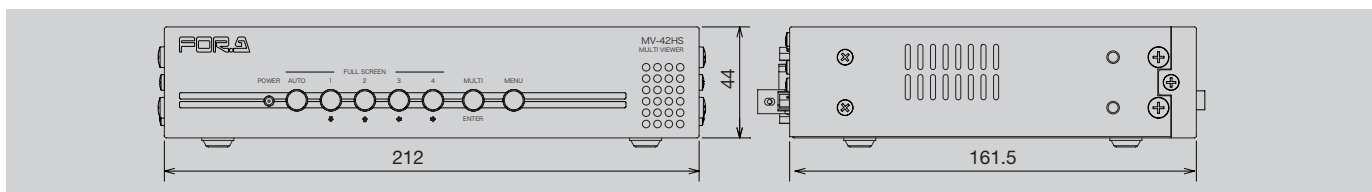
Rear Panel



Rear Panel (with Option)



External Dimensions



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