

HD/SD MULTI 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.

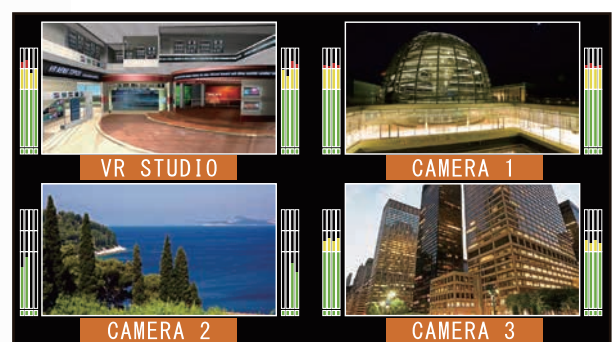


The MV-42HS is most suitable for monitoring systems with mixed HD-SDI and SD-SDI input signals. Audio level metering of SDI embedded audio signals is provided allowing audio signal presence to be monitored.

- 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 (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	1.485Gbps 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	1080/60i, 1080/59.94i, 1080/50i, 1080/30p, 1080/30PsF, 1080/29.97p, 1080/29.97PsF, 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	1.485Gbps or 1.485/1.001Gbps, 75Ω BNC x 1 Color format: YCbCr (4:2:2) Quantization: 10-bit * Embedded audio is unsupported
DVI-D	DVI-D connector x 1 Color format: RGB Quantization: 8-bit * HDCP is unsupported
Video Format	1080/59.94i, 1080/50i, 720/59.94p, 720/50p * 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	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	For title settings and remote control over the unit
RS-232C	9-pin, D-sub (male) x 1 Baud rate: 38,400bps, Data length: 8-bit, Stop bit: 1-bit, Parity: NONE
Temperature / Humidity	0°C to 40°C / 30% to 90% (no condensation)
Power	12 V DC (DC jack) * AC adaptor can be separately purchased. Use an AC adaptor that meets the following requirements. Output voltage: 12 V DC, Output ampere: 2 A, Inrush current: 30 A, Connector: JEITA RC-5320A Standard Voltage Class4 * The MV-42HS connector is HOSIDEN-produced HEC3800-01-010. Center positive voltage.

Power Consumption	22 VA (12 W) (at 100 V), 23 VA (11 W) (at 200 V)
With MV-42IFA*	23 VA (13 W) (at 100 V), 26 VA (13 W) (at 200 V)
With MV-42AI*	26 VA (16 W) (at 100 V), 29 VA (15 W) (at 200 V)
With MV-42IFA/AI*	28 VA (15 W) (at 100 V), 31 VA (16 W) (at 200 V)
	* Used with the optional AC adaptor.
Dimensions / Weight	212 (W) x 44 (H) x 161 (D) mm / 1.16 kg
Accessories	Quick Setup Guide, and CD-ROM (Operation manuals)
Consumables	Cooling fan: P1472 Replace every 3 years (at room temp.)
Options	AC adaptor Rack mount brackets (single or dual mount) MV-42AI: Analog Composite Input Card MV-42IFA: Interface Card
BTO Options	DC connector replace (to 4-pin Canon connector) AC Adaptor (for 4-pin Canon connector)

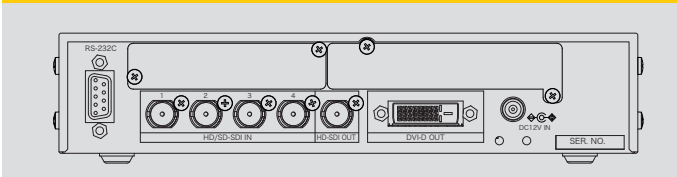
MV-42AI (Analog Composite Input Card) Option

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	NTSC, PAL

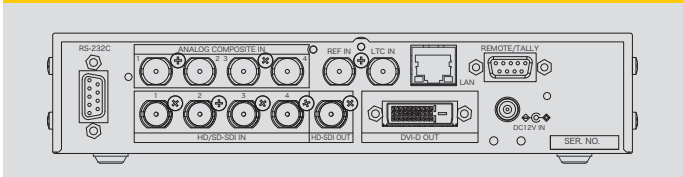
MV-42IFA (Interface Card) Option

Interfaces	
Genlock Input	BB: NTSC 0.429 Vp-p / PAL 0.45 Vp-p or Tri-level sync: 0.6 Vp-p, 75Ω BNC x 1
LTC Input	BNC x 1, high-impedance SMPTE time code: 1.0 Vp-p, within ±6 dB
REMOTE/TALLY Input	9-pin D-Sub (female) x 1: max. 8 inputs Red/green tally inputs 1 to 4 (Negative logic level signal or Make-contact)
Date/Time Display	Date and time display using internal clock or LTC input * Accuracy to within ± 10 sec/month (at 25°C)
LAN	10Base-T/100BASE-TX RJ-45 (Category 5) x 1
Consumables	Backup battery (internal clock): Replace every 5 years (at room temp.)

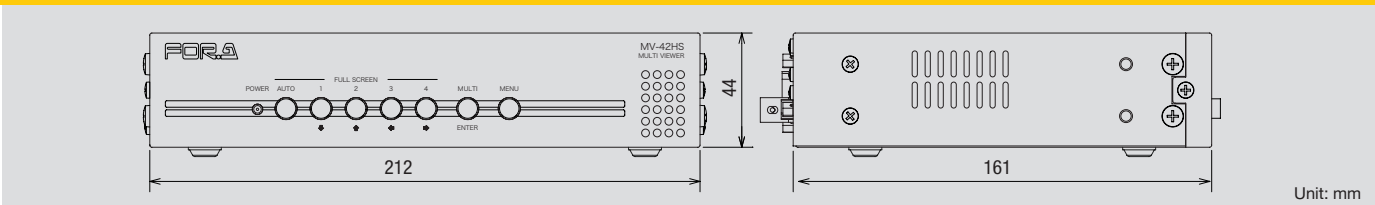
Rear Panel



Rear Panel (Full Options)



External Dimensions



Unit: mm



Head Office: 3-8-1 Ebisu, Shibuya-ku, Tokyo 150-0013, Japan

- FOR-A Corporation of America:** Tel: +1-714-894-3311
11155 Knott Ave. Suite G&H, Cypress, CA 90630, U.S.A.
- FOR-A Corporation of America East Coast Office:** Tel: +1-201-944-1120
2 Executive Drive, Suite 670, Fort Lee Executive Park, Fort Lee, NJ 07024, U.S.A.
- FOR-A Corporation of America Distribution & Service Center:** Tel: +1-352-371-1505
2400 N.E. Waldo Road, Gainesville, FL 32609, U.S.A.
- FOR-A Corporation of America Miami Office:** Tel: +1-305-931-1700
5200 Blue Lagoon Drive, Suite 760, Miami, FL 33126, U.S.A.
- FOR-A Corporation of Canada:** Tel: +1-416-977-0343
1131A, Leslie Street #209, Toronto, Ontario, M3C 3L8, CANADA
- FOR-A Europe S.r.l.:** Tel: +39-039-879-778
Via Volturmo, 37, 20861 Brugherio MB, Italy

ISO 9001 and 14001 certified (Sakura R&D)

<http://www.for-a.com/>

- FOR-A UK Limited:** Tel: +44-(0)20-3044-2935
Trident Court, 1 Oakcroft Road, Chessington, KT9 1BD, UK
- FOR-A Italia S.r.l.:** Tel: +39-039-881-086/103
Via Volturmo, 37, 20861, Brugherio MB, Italy
- FOR-A Corporation of Korea:** Tel: +82-(0)2-2637-0761
1007, 57-5, Yangsan-ro, Yeongdeungpo-gu, Seoul 150-103, Korea
- FOR-A China Limited:** Tel: +86-(0)10-8721-6023
708B Huateng Building, No. 302, 3 District, Jinsong, Chaoyang, Beijing 100021, China
- FOR-A Middle East-Africa Office:** Tel: +971-(0)4-551-5830
Dubai Media City, Aurora Tower, Office 1407, P.O. Box 502688, Dubai, UAE
- Agiv (India) Private Limited (FOR-A India):** Tel: +91-22-2405-1258
85, V.N. Purav Marg Sion-Chunabhatti (E) Mumbai - 400 022