

PC/Video High Resolution Quad Viewer

MV-410RGB

4 split-screen system supporting mixed input of DVI (digital and analog RGB) and analog composite signals. High-resolution video output using a DVI terminal is included as standard. Supports user-created patterns.



- Support for mixed input of DVI (digital and analog RGB) (used for computer monitor output) and analog composite signals (the commonly used video signal) (asynchronous input is possible)
- Provides a total of eight channels of input: four digital/analog RGB signal channels with the DVI-I connector, and four analog composite channels
*Number of channels capable of simultaneous display: four channels
- RGB output with DVI-I connector is provided as standard for enabling easy usage on large screens and computer monitors
- High-resolution output: Maximum output resolution is WUXGA (1920 x 1200 pixels)
Even with split screen, each channel's video can be monitored at high resolution
- Layout editor comes standard: The user can freely make changes to the split-screen layout pattern from a computer
- A title can be displayed for each channel (alphanumeric characters, symbols)
- An analog and digital clock can be displayed for the time display function



Layout editor



Free layout image

Specifications

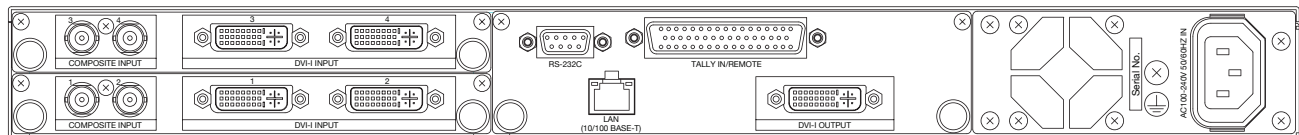
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|------------------------|--|---|
| Video Input | 4 inputs of the following signals (Mixed input, asynchronous acceptable): | |
| | Analog composite: | 1.0 Vp-p, 75Ω BNC, NTSC, or PAL |
| | Analog RGB / DVI: | |
| | Resolution: | 1920x1200@60Hz, 1600x1200@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1024x768@60Hz, 640x480@60Hz, 1440x900@60Hz, 1680x1050@60Hz, 1920x1080@60Hz, 1280x720@60Hz, 1366x768@60Hz * 1920x1200 formats support only Reduced Blanking signals. |
| | DVI-I connector | |
| Video Outputs | As for digital inputs, DVI signal display may get disturbed by the connection or disconnection of inputs. | |
| | When the DVI-I input of MV-410RGB is connected to the DVI output of the plug and play device such as PC, the device acknowledges the MV-410RGB as a DVI-D monitor. | |
| | DVI: (Outputs digital and analog outputs at the same time) | |
| | DVI-I connector x 1 | |
| | Resolution: | 1920x1200, 1600x1200, 1280x1024, 1360x768, 1440x900, 1680x1050, 1920x1080, 1280x720 * No input/output frame rate converter. A frame rate difference between input and output may result in a repeat frame or drop frame. |
| Quantization | Y: 8-bit, C: 8-bit | |
| I/O Delay | 1 to 3 frames | |
| Screen Layout | Full screen, user customized layout | |
| Title Display | Character limit : Max.16 characters x 1 line for each input channel | |
| | Character types: Alphanumeric characters and symbols | |
| Tally Indication | Red/Green frame indication. (Red or amber selectable for simultaneous inputs) | |
| Time Display | Real-time display (internal clock or LTC time code selectable) | |
| | * Internal clock accuracy within ±10 seconds per month (at 25°C) | |
| Interfaces | RS-232C: 9-pin D-sub, male x 1, Baud rate 9600 bps, Data length 8-bit, Stop bit 1-bit, No parity | |
| | TALLY IN: 50-pin D-sub (female) x 1, 4 inputs x 2 colors (red or green border display), TTL negative logic level signal or Make contact * Shared with REMOTE IN | |
| | REMOTE IN: 50-pin D-sub (female) x 1, Allows switching between full screen and multi-channel screen layouts, TTL level negative logic pulse signal or Make contact, 1 input * Shared with TALLY IN | |
| | LAN: 10BASE-T/100BASE-TX, RJ-45 (Category 5) x 1 | |
| Layout Editor | Edit size and position of windows in multi-channel screen (Windows software) | |
| Data Backup | Stores the setting data to the memory (Rewrite capacity: approx. one hundred thousand times) * Frequent changes of display settings may result in being unable to retain data. | |
| Backup Battery | Internal lithium battery (to maintain time) | |
| Temperature / Humidity | 0°C to 40°C / 30% to 90% (no condensation) | |
| Power | 100 V AC to 240 V AC ±10%, 50/60 Hz | |
| Consumption | 52 VA (51 W) (at 100 V AC), 67 VA (50 W) (at 200 V AC) | |
| Dimensions / Weight | 430 (W) x 44 (H) x 400 (D) mm, EIA 1 RU / 7.6 kg | |
| Accessories | Operation Manual, AC cord, Rack mount brackets, CD-R (Layout Editor) | |
| Consumables | Fan: P-1401 Replace every 4 years (at room temperature) | |
| | Power unit: Replace every 8 years (at room temperature) | |
| | Backup battery: CR-2450 Replace every 7 years (at room temperature) | |

DVI output supported frequencies

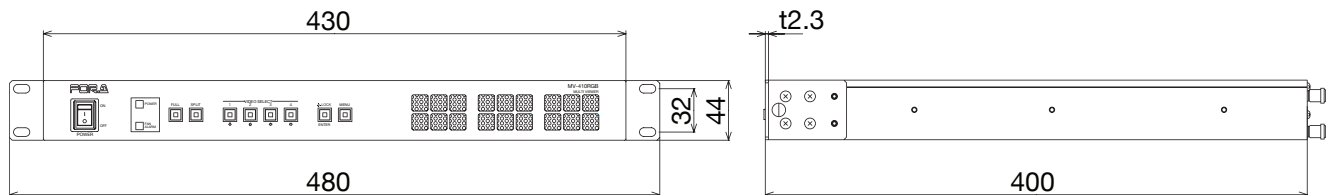
| | 1920 x 1200 | | | 1600 x 1200 | | | 1280 x 1024 | | | 1360 x 768 | | | 1440 x 900 | | | 1680 x 1050 | | | 1920 x 1080 | | | 1280 x 720 | | |
|-------------------|-------------|-------|------|-------------|-------|-------|-------------|-------|-------|------------|-------|-------|------------|-------|-------|-------------|-------|-------|-------------|-------|-------|------------|-------|------|
| Mode (Hz) | 60 | 59.94 | 50 | 60 | 59.94 | 50 | 60 | 59.94 | 50 | 60 | 59.94 | 50 | 60 | 59.94 | 50 | 60 | 59.94 | 50 | 60 | 59.94 | 50 | 60 | 59.94 | 50 |
| H frequency (kHz) | 74.06 | 74.05 | 61.9 | 75 | 74.93 | 61.91 | 63.98 | 63.91 | 52.87 | 47.71 | 47.66 | 39.66 | 59.96 | 56.02 | 46.47 | 65.26 | 63.26 | 54.15 | 67.5 | 67.44 | 56.25 | 45 | 44.95 | 37.5 |
| V frequency (kHz) | 59.96 | 59.95 | 50 | 60 | 59.94 | 50.01 | 60.02 | 59.95 | 50.02 | 60.02 | 59.95 | 50.01 | 59.91 | 59.97 | 50.03 | 59.93 | 59.93 | 50.01 | 60 | 59.95 | 50 | 60 | 59.93 | 50 |

* VESA frequencies are approximately the same with the frequencies of 60Hz.

Rear Panel



External Dimensions



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ISO 9001 and 14001 certified
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