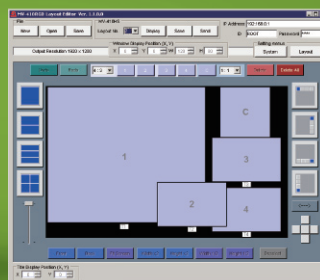FOR.A ®
INNOVATIONS IN VIDEO
and AUDIO TECHNOLOGY

## 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 (1920×1200 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, Japanese kanji, Japanese kana, symbols)
- An analog and digital clock can be displayed for the time display function
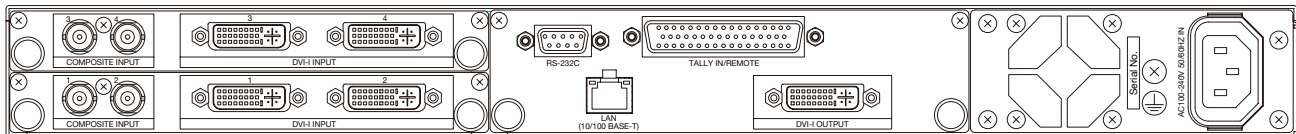


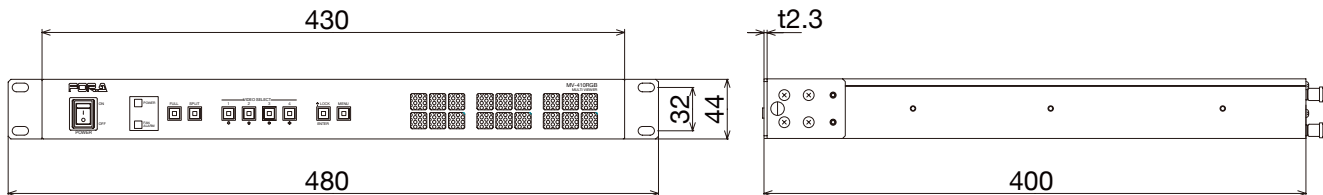Layout editor

Free layout image

## Specifications

| | |
|---|---|
| ● Video Input | |
|    Video | Analog composite: 1.0 Vp-p, 75Ω, 4 inputs, BNC |
| | NTSC, PAL (mixed input and asynchronous input are possible) |
|    PC | DVI-I connector (analog or digital), 4 inputs |
| | - Resolution (analog): 1280 x 1024, 1360 x 768, 1024 x 768, 640 x 480 / Frequency: 60Hz |
| | - Resolution (digital): 1920 x 1200, 1600 x 1200, 1280 x 1024, 1360 x 768, 1024 x 768, 640 x 480 / Frequency: 60Hz |
|    Video Input | - Four channels are available for simultaneously displayable input (choose from a menu for each channel). |
| | - DVI-I connectors support both analog and digital input. Each connector can be connected for either one type of input. |
| | - No frame rate conversion function between input videos and input/output videos. |
| | *If video is displayed with different frame rates, dropped frames, etc. may occur periodically. |
| ● Video Output | DVI-I connector (analog and digital), 1 output |
| | Resolution: 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200, 1440 x 900, 1360 x 768, 1280 x 1024, 1280 x 720 |
| | Frequency: 60Hz/ 59.94Hz/ 50Hz |
| ● Quantization | 8-bit |
| ● I/O Delay | 1 to 3 frames |
| ● Split-screen Patterns | Full screen, user-selected screen (4-pattern touch button recall memory) |
| ● Character Display | Display characters: Maximum of 16 characters x 1 line per input channel |
| | Character types: Alphanumeric, symbols (two-byte characters) |
| ● Tally Display | Tally indication appears as border (red or green) around each channel screen |
| ● Time Display | Analog clock display (accuracy within ±10 sec per month.) |
| ● Interfaces | RS-232C: 1 port, 9-pin D-sub (male) |
| | - Baud rate 9600bps, Data length 8 bit, Stopbit 1 bit, No parity |
| | - Control: Video output selection |
| | TALLY IN: 1 port, 50-pin D-sub (female)  *Shared with REMOTE IN |
| | - 4 inputs x 2 colors (red or green color frame display) |
| | TTL negative logic level signal or make-contact input |
| | REMOTE IN: 1 port, 50-pin D-sub (female)  *Shared with TALLY IN |
| | - Control: Switching between full screen and split-screen display |
| | TTL negative logic level signal or make-contact input |
| | LAN: 10Base-T/100Base-TX, 1 port, RJ-45 (CAT5 support) |
| | - Control: Video output selection |
| ● Layout Editor | Setting of the split-screen video size and video position, and menus |
| ● Temperature / Humidity | 0ºC - 40ºC / 30% - 90% (no condensation) |
| ● Power / Consumption | 100VAC - 240VAC ±10%, 50Hz/60Hz / 52VA (51W) |
| ● Dimensions / Weight | 430 (W) x 44 (H) x 400 (D) mm  EIA 1RU/ Approx. 7.6kg |
| ● Accessories | Operation manual, AC cord, Rack mount brackets, CD-R (Layout Editor) |

## Rear Panel



## External Dimensions