

16ch Multi Viewer

MV-1600

With the MV-1600, you can view video from up to 16 channels on a single monitor. In addition to regular video output, the MV-1600 also includes SXGA high-resolution output and a remote monitoring function over a network as standard features.

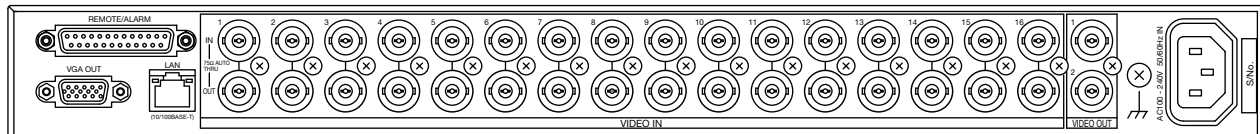


- Input of up to 16 asynchronous composite signals (color, B/W)
 - Loop-through terminals for each input for support of system expansion
 - 2 analog composite outputs: Full screen, 4-split screen, or 16-split screen can be displayed.
 - SXGA (1280 x 1024) high-resolution output: Full screen, 4-split screen, 9-split screen*1, or 16-split screen is available.
 - Network video transfer function: Monitoring video can be transferred over the network at a maximum transfer frame rate of 60fps*2
 - Title display function: Up to 8 characters per channel (up to 6 characters in composite output) (alphanumeric characters, Japanese kana, symbols)
 - Automatic switching function: Enables automatic switching between full screen and split-screen displays
 - External alarm input/output terminal: Enables alarm-linked display
 - Includes dedicated software package enabling viewer functions and settings and control over a LAN connection
 - Enables control using a parallel remote connection and RS-232C interface
- *1: The screen size for each channel in 9-split screen is identical to the size for the 16-split screen.
- *2: The maximum frame rate of 60fps may not be reached due to the transferred video, JPEG compression rate, connected PC, and network environment.

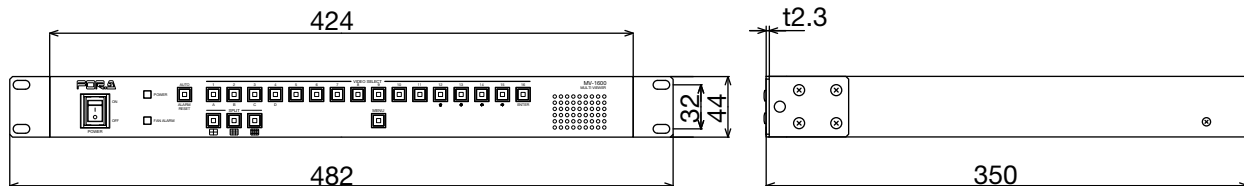
Specifications

● Standard	NTSC or PAL (Auto detect)
● Video Input	Analog composite: 1.0 Vp-p (Color or B/W), 75Ω or loopthrough (auto termination), BNC (asynchronous is possible), 16 inputs
● Video Output VGA OUT	D-sub 15-pin (female), 1 output ◆Resolution: 1280 x 1024 pixels (SXGA) *Video area: 1280 x 960 pixels ◆Horizontal scanning frequency: 63.98 kHz ◆Vertical scanning frequency: 60.02 Hz ◆Video signal: 0.7Vp-p ±0.1 V, 75Ω ◆Synchronization signal: Separate synchronization signal (TTL level, positive) ◆Screen display: Selectable from full, 4-split screen, 9-split screen, and 16-split screen *If the SXGA output function and video transfer function are used at the same time, the frame rate is half the frame rate when the SXGA output function only is selected.
VIDEO OUT	Analog composite: 1.0 Vp-p ±0.1 V, 75Ω, BNC, 2 outputs ◆Screen display: Selectable from full screen, 4-split screen, and 16-split screen *A display switching operation is shared by SXGA output, VIDEO output and video transfer via LAN. *If 9-split screen is selected, the 9-split screen is shown from SXGA output, buy the VIDEO output and LAN video transfer screen show the 16-split screen.
● Interfaces	
Remote Input	External control/Alarm input shared connector, D-sub 25-pin (female) ◆TTL negative logic pulse or make-contact input, pulse width: 100 ms or more ◆Control: AUTO/RESET, Camera 1-16 selection, SPLIT4/9/16 selection *This cannot be used when alarm control is selected.
Alarm Input	◆TTL negative logic pulse, level signal, or make-contact ◆Pulse width: 100 ms or more (at TRIG setting), 16 inputs *This cannot be used when remote control is selected.
RS-232C	◆Asynchronous, full duplex, transmission rate: 9600 bps, data length: 8 bits, stop bit: 1 bit, parity: none, 1 line ◆Control: Video output selection and menu settings
LAN	10BASE-T/100BASE-TX, RJ-45 (Category 5 support), 1 line ◆Control: Video output selection and menu settings ◆Video transfer: Max. frame rate: 60 fps, Image compression type: JPEG ◆Transfer screens: Selectable from full screen, 4-split screen, and 16-split screen ◆Image size: Selectable from SXGA (1280 x 960 pixels) and VGA (640 x 480 pixels) *The maximum frame rate varies depending on the operating environment. *If the SXGA output function and video transfer function are used at the same time, the frame rate is slower than the frame rate when the video transfer function only is selected.
● Display Characters	
Camera Title	◆SXGA output / LAN video transfer: 1 line x 8 characters Alphanumeric characters, Japanese kana, symbols ◆VIDEO output: 1 line x 6 characters Alphanumeric characters, Japanese kana, symbols
Alarm Display	Automatic switching to alarm screen ◆SXGA output: Tally frame display, letter "A" display ◆VIDEO output / LAN video transfer: Letter "A" display
Video Loss Display	Automatic switching to video loss screen ◆SXGA output: Tally frame screen, letter "L" display ◆VIDEO output / LAN video transfer: Letter "L" display
● Data Retention	Menu settings are backed up to EEPROM
● Power/Consumption	100VAC - 240VAC (±10%) 50Hz/60Hz / Approx. 28VA (Approx. 27W) (when using 100V)
● Temperature/Humidity	0°C - 40°C / 30% - 90% (no condensation)
● Dimensions/Weight	424 (W) x 44 (H) x 350 (D) mm / Approx. 4.5 kg
● Accessories	Operation manual, AC cord, Rack mount brackets, Control Software
● Control Software	OS: Microsoft Windows XP SP2 or later
● Operating Environment	Recommended PC environment: CPU Intel Pentium 4 3.0GHz or faster, RAM 512MB or more, LAN port required

Rear View



External Dimensions



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