

# MULTI VIEWER FOR IP SECURITY CAMERAS **MV-16SIP**

**Network multi viewer for split-screen HDMI display of ONVIF® IP security camera feeds. Monitors camera feeds in stores or other environments without a computer.**



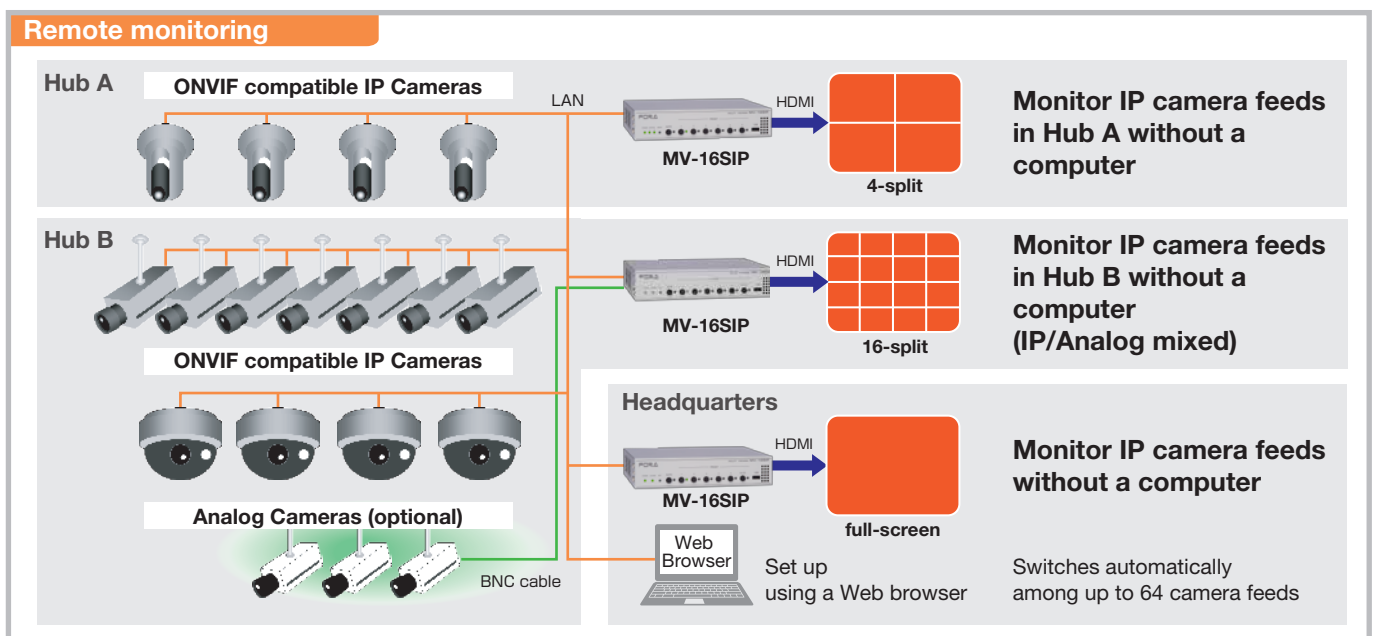
- Able to monitor camera feeds without a computer.
  - One unit detects up to 64 network cameras and can connect to and display 16 feeds at once.
  - HD video output(1920 x 1080) via HDMI, with full-screen, 4, 9, or 16-window display
  - Full-screen sequential switching: switches among up to 64 camera feeds.
  - Time and title display
  - Selectable camera audio output (HDMI output)
  - Remote control via web browser
  - Support for analog composite I/O, SDI output and analog audio output available (optional).
- \* Does not support video recording or streaming

### Extensive input/output with optional MV-16SIPIO

- Analog composite with loop-through function: 3 inputs
- 3G/HD-SDI: 1 output
- Analog composite: 1 output
- Analog audio: 1 output

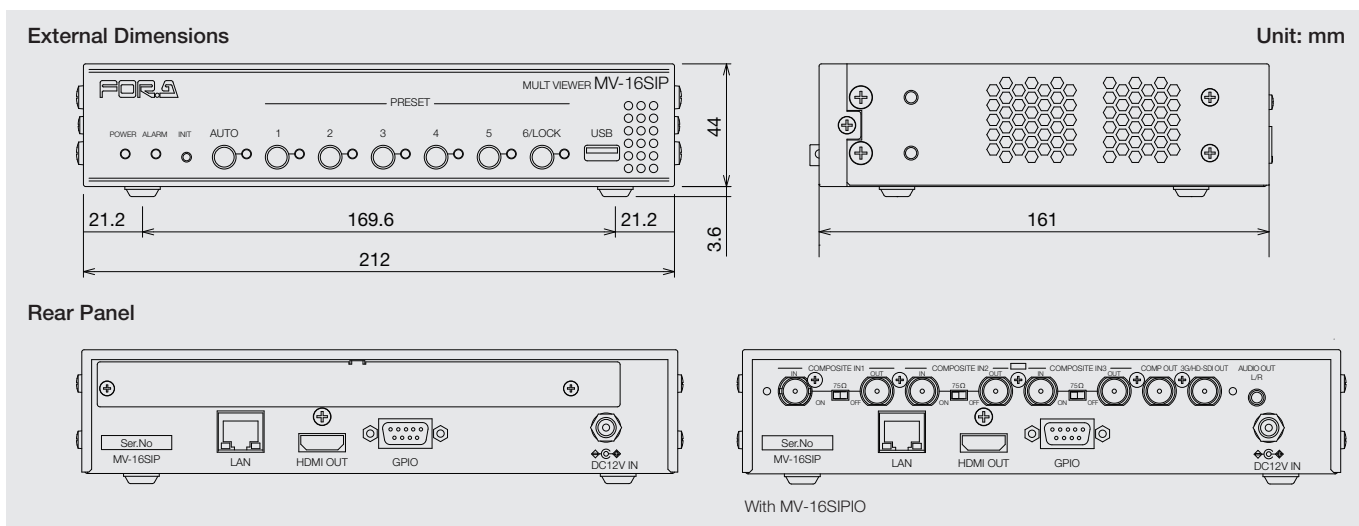
### Compatible network cameras

- ONVIF Profile S compliant IP security cameras
  - Detect cameras automatically
  - Stream camera feed and audio
  - Control camera PTZ
- Other cameras : specify a video stream URL to stream camera feed



**Specifications**

Manufacture of cameras	AXIS, Bosch, Canon, Crew Systems, JVC Kenwood, Panasonic, Sony, TOA, etc. * ONVIF <sup>®</sup> Profile S compatible cameras	
Max. number of detected cameras	64 Able to connect up to 16 cameras simultaneously	
Screen layout	1/4/9/16	
IP video/Audio codec	VIDEO: JPEG, H.264	
	AUDIO: G.711	
Protocol	HTTP, TCP, UDP, NTP, RTP, RTSP, IPv4	
Analog composite input (optional)	Analog composite: 1.0 Vp-p	
	Quantization: Y: 8-bit, C: 8-bit	
	3 inputs	
Video output	HDMI	Format: 1080/60p, 1080/50p, 1080/60i, 1080/50i, 720/60p, 720/50p
		1 output
	SDI (optional)	Format: 1080/60p, 1080/50p, 1080/60i, 1080/50i, 720/60p, 720/50p
	1 output	
Analog composite (optional)	NTSC, PAL	
1 output		
* - Simultaneous output of HDMI, SDI and Analog composite - Reduced HDMI output image is output from analog composite output.		
Audio output (HDMI/SDI) (SDI is optional)	Embedded	Sampling frequency: 48 kHz (sync to input video signals)
		Quantization: 16 to 24-bit
		SDI/HDMI: 2 channels (output the same audio signals)
Audio output (Analog) (optional)	Stereo mini jack x 1 (2 channels, output the same audio signals), unbalanced	
	Quantization: 24-bit	
Time code/Title display	Time code, Title, Alarm	
Interface	LAN	100Base-TX RJ-45 x1
	GPIO	9-pin D-sub (female): 6 inputs (make contacts), 2 outputs (open-collector output), 1 GND
Power/consumption	DC 12 V · 25 W	
Dimensions/weight	212 (W) x 44 (H) x 161 (D) mm/Approx. 1.2 kg	
Accessories	AC power adaptor, CD-ROM (Operation manuals)	
Options	Analog composite input (3 inputs)	
	Analog composite output (1 output)	
	Analog audio output (1 output)	
	SDI output (1 output)	
	Rack mount bracket (for single or dual unit)	



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ISO 9001 and 14001 certified (Sakura R&D)

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