



PMV-1804

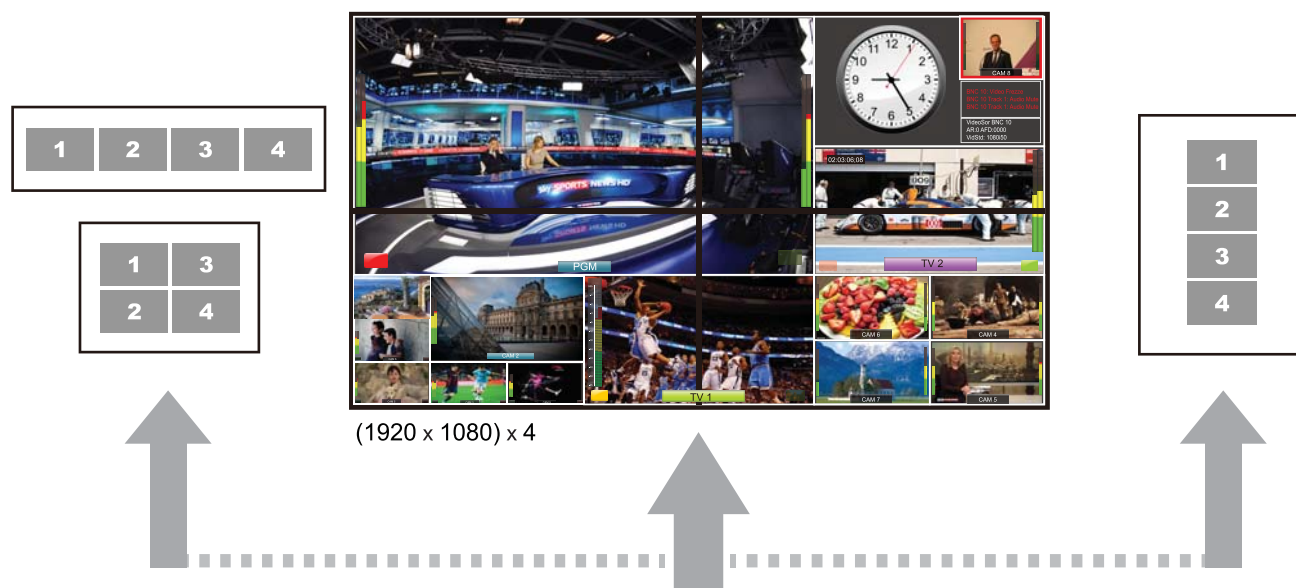
18 Inputs, UHD Output Multiviewer
Unmatched image quality, easy to use!



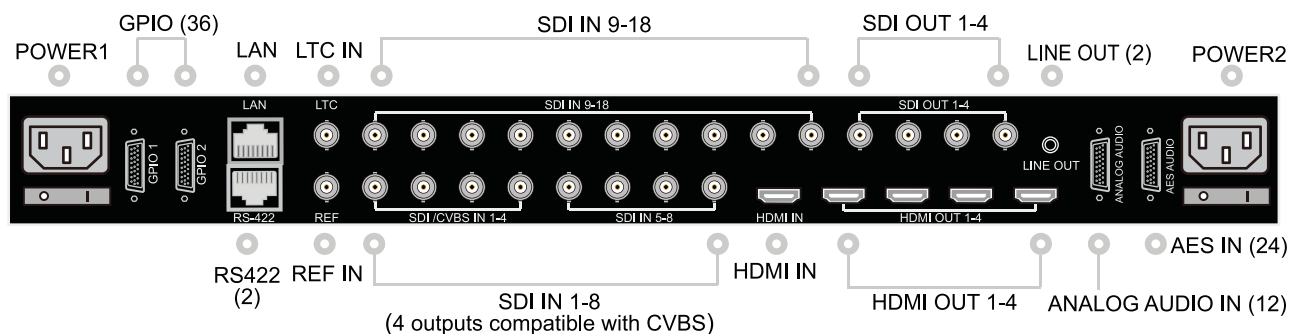
Introduction

PMV-1804 is a compact, ultra-quiet, top-level Multiviewer that tailored for broadcast industry. PMV-1804 has 18 3G/HD/SD-SDI adaptive inputs (4 inputs compatible with CVBS), 1 HDMI input, and 4 SDI and 4 HDMI simultaneous outputs.

With ultimate level of layout flexibility, PMV-1804 has capable of unlimited image scaling and repetition across all displays. It provides rich on-screen graphics, supports fast signal switching, One-click full screen, TSL protocol, dynamic UMD and Tally automatically following. Leading video processing algorithms, accurate signal detection and alarm, comprehensive security mechanisms, make PMV-1804 always the most reliable core signal monitoring device and provide the highest quality display, whether in the production studio, OB Vans, as well as broadcasting center.



Native four SDI and four HDMI outputs simultaneously*
4 screens can be spliced and combined arbitrarily



*Output contents of SDI are the same with HDMI



POSTIUM KOREA Co., Ltd.
www.postium.com

18 Inputs, UHD Output Multiviewer

PMV-1804

Unmatched image quality

- Based on advanced motion compensation deinterlacing technology, PMV-1804 achieves amazing video scaling quality! In the experimental environment, when the video source is scaled to less than 6.25% of the original size, the output is still clear and sharp, no shaking and flash, and arc edge is still evenly, smooth, no jagged



PMV-1804 handles video with high color reproduction and smooth edge processing



Ordinary multiviewers with obvious luminance and chrominance noise and visible edge jagged

Delivers 4K output

- Simultaneous HDMI and SDI outputs at full 1920 x 1080/50p/60p resolution on up to four screen displays
- Capable of handling UHD quad-link combination output
- Any input signal can be fully screened to UHD (3840 x 2160) resolution display



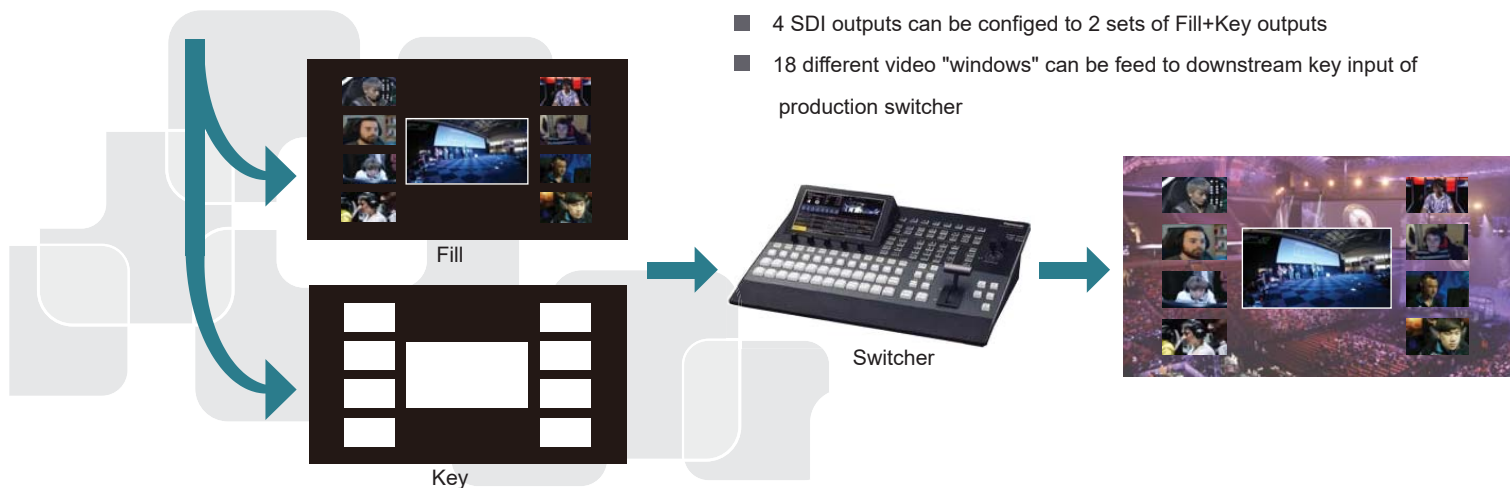
3840 x 2160



PMV-1804

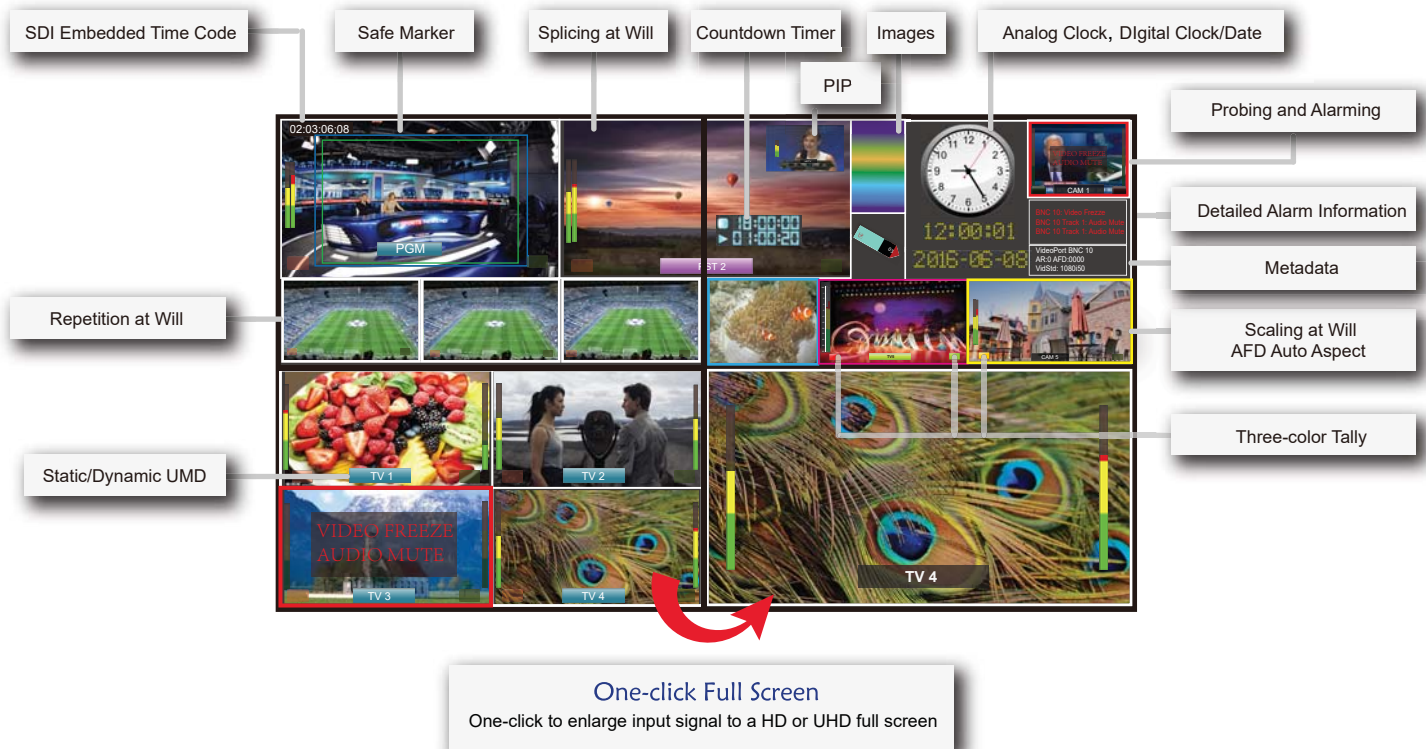
Unique creative Fill+Key mode for ESP and EFP

- 4 SDI outputs can be configured to 2 sets of Fill+Key outputs
- 18 different video "windows" can be feed to downstream key input of production switcher



18 Inputs, UHD Output Multiviewer

PMV-1804



Superior layout flexibility, rich on-screen graphics

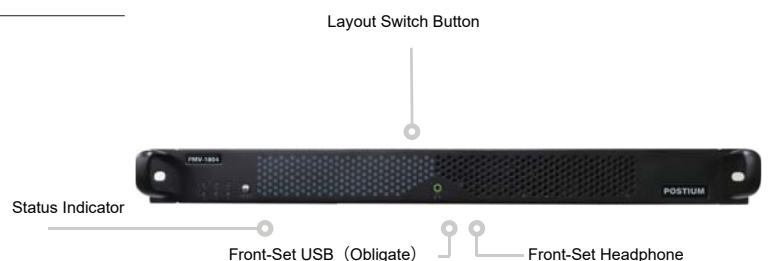
- Video window, volume meter, UMD and other display elements layout arbitrarily
- Fast layout switching with preset templates
- Quickly switch signal source in display window
- Unlimited signal repetition across all screens
- NTP, LTC automatic calibration
- Capable of displaying AFD, SDI embedded LTC, and input signal standard



Fast layout switch

Safe and stable system architecture

- Standard 1RU equipment with redundant AC power modules
- Based on highly reliable industrial design
- Ultra-low power consumption, ultra-quiet, ultra-fast boot



Accurate signal probing and alarming

- Supports black screen, freeze screen, audio volume and mute detection alarm
- Supports power, temperature and other abnormal state alarm
- Supports multicolor text and borders on-screen alarm displays for clear operator alerts. GPO can be used to trigger an external devices

18 Inputs, UHD Output Multiviewer

Specifications



Connections	SDI Input	HDMI Input
	18 x 10bit 3G/HD/SD-SDI, BNC 1-4 inputs are also auto-sensing for CVBS 8 channels embedded in 3G/HD/SD-SDI	1 x HDMI, HDMI Type A HDMI IN/ SDI IN 8 alternatives 8 channels embedded in 3G/HD/SD-SDI
	AES/EBU Audio Input	Analog Audio Input
	24 channels, DB26	12 channels unbalanced, DB26
	HDMI Output	SDI Output
	4 x HDMI, HDMI Type A 4K Quad-Link HDMI output (4 Channels) HDMI output the same content with SDI	4 x 10bit 3G/HD-SDI, BNC 4K Quad-Link SDI output (4 Channels) SDI output the same content with HDMI
	Analog Audio Output	HDMI and SDI Audio Output
	1 x 3.5mm connector for stereo audio Line output 1 x 3.5mm connector for stereo audio Headphone output	2 channels embedded audio output per HDMI output 2 channels embedded audio output per SDI output
	REF In	LTC In
	Bi-Level or Tri-Level sync, BNC	1 x LTC In, BNC
	GPI/O	RS422
	36 channels GPI/O, 2 x DB26	2 x RS422, RJ-45
	Ethernet Port	Power
	100/1000BASE-TX, RJ-45	Redundant power, 110~240V, 50~60HZ
	USB Interface	
	2 x USB, Reserved	
Formats	HD Input Formats	SD Input Formats
	1920 x 1080/50i, 1920 x 1080/59.94i, 1920 x 1080/60i 1920 x 1080/23.98p, 1920 x 1080/24p, 1920 x 1080/25p 1920 x 1080/29.97p, 1920 x 1080/30p, 1280 x 720/50p 1280 x 720/59.94p, 1280 x 720/60p, 1920 x 1080/50p 1920 x 1080/59.94p, 1920 x 1080/60p	720 x 576/50i 720 x 480/59.94i
	HDMI Output Formats	SDI Output Formats
	Single-Channel Support: 1920 x 1080/50p, 1920 x 1080/59.94p Spliced Resolution: 3840 x 1080, 1920 x 2160, 3840 x 2160 7680 x 1080, 1920 x 4320	Single-Channel Support: 1920 x 1080/50i, 1920 x 1080/59.94i, 1920 x 1080/50p 1920 x 1080/59.94p Spliced Resolution: 3840 x 1080, 1920 x 2160, 3840 x 2160 7680 x 1080, 1920 x 4320
Processing	Supports rich of display elements, dynamic UMD, a variety of Tally form, the latest version of TSL protocol, SNMP protocol Supports alarm detection for signal lost, black, freeze, mute and high volume	
Control	Windows-based control software, user can easily design layout templates Supports fast switching of signal source, fast switching layout template, instant full screen display	
Model	PMV-1804 18 SDI inputs, 4 HDMI outputs, 4 SDI outputs	



POSTIUM KOREA Co., Ltd.

208, Building A, Samsung Techno Valley, 140, Tongil-ro, Deogyang-gu, Goyang-si, Gyeonggi-do, Korea, 10594
Tel : +82.2.354.6055 / Fax : +82.2.354.6056 / E-mail : sales@postium.com / www.postium.com