

MODEL #		VZ-MV1602
<b>Multiviewer Mode - Input/Output FORMAT</b>		
SDI IN	HD	1080p / 60,59.95,50,30,29.97,25,24,23.98
		1080psf / 30,29.97,25,24,23.98
		1080i / 60,59.94,50
		720p / 60,59.94,50,30,25
SD, HDMI OUT	SD	720p / 30,29.97,25,24,23.98
		625i / 50 & 525i / 59.94
		1080p / 60,50,30,25,24
		1080i / 60,50 & 720p / 60,50
<b>Switcher Mode - Input/Output FORMAT</b>		
SDI	2K	2048x 1080p / 30,29.97,25,24,23.98
		2048x 1080psf / 30,29.97,25,24,23.98
		1080p / 60,59.95,50,30,29.97,25,24,23.98
		1080psf / 30,29.97,25,24,23.98
	HD	1080i / 60,59.94,50
		720p / 60,59.94,50,30,25
		720p / 30,29.97,25,24,23.98
		625i / 50 & 525i / 59.94
SD	SD	625i / 50 & 525i / 59.94

INTERFACE	
SDI In / Out	16 / 16 ea
HDMI Output (Multiview)	1 ea
SDI Out (Multiview)	2 ea
RJ45 (SW Control & Update)	1 ea
RS422 (SW Control)	1 ea
Power Connector	2 ea









WEIGHT & DIMENSIONS	
Dimensions (W x D x H)	17.45" x 5.27" x 1.73" / 443.3 x 134 x 44 mm
Net / Gross Weight	4.4 lbs (2 kg) / 8.37 lbs ( 3.8 kg )

MOUNT	
Server Chassis	1U (19")

GENERAL	
Transmitter - IR Remote Control	YES
Power Electrical Ratings	DC 12~24V, 5A
Consumption	36 W
Operating / Storage Temperature	32 ~ 140°F (0 ~ 60°C) / -22 ~ 158°F (-30 ~ 70°C)
Operating Humidity	0% ~ 90% RH
Accessories	16ch Multiviewer x 1, Manual x 1, DC 12V 5A Power Adapter x 2

### VZ-MV1602 ADVANTAGES

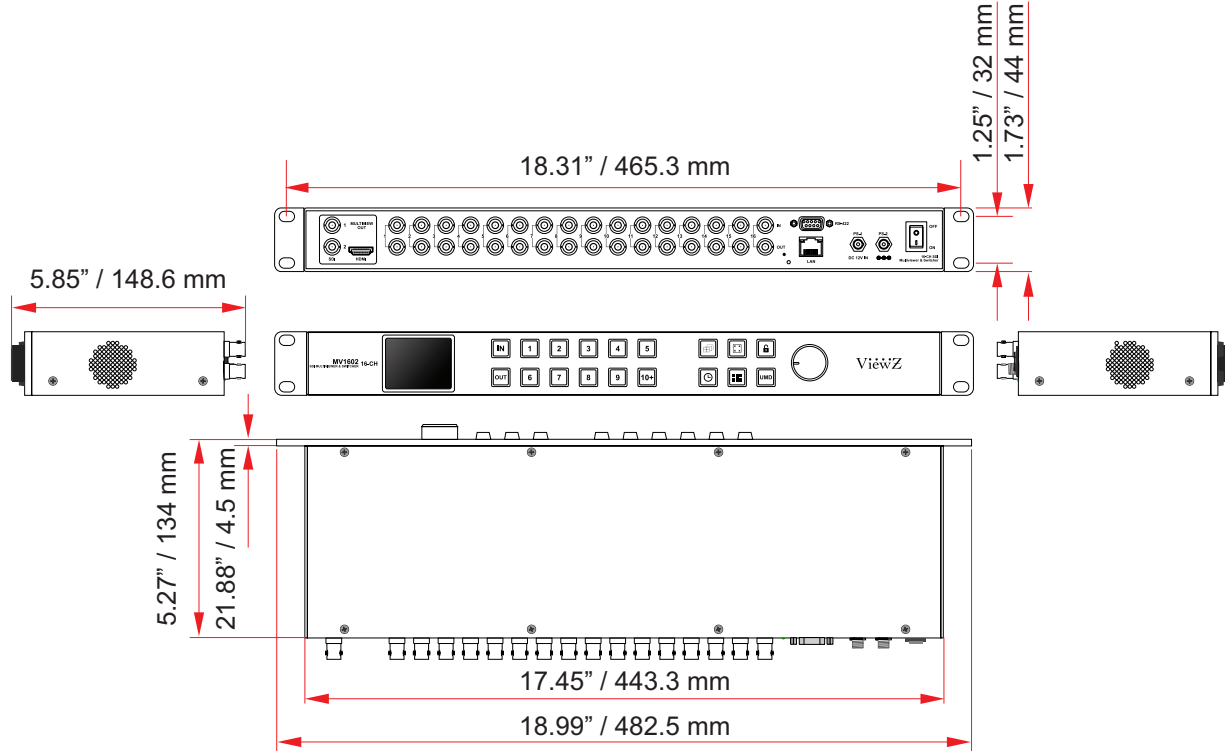
- Dual Modes : 16ch Multiviewer and 16x16 Matrix Switcher
- 16 x SD/HD/3G-SDI Auto-detected Inputs
- 2 x SDI & 1 x HDMI Multiview Scaling Outputs with Audio
- Full Screen and 20 **Preset-Multiview Layouts** with Clock Display
- **Time Code, UMD, Signal Status & Audio Meter** Overlay
- Front Panel Buttons & Knob Control with LCD Display
- Free PC Control S/W via Network, 16CH SDI Loop-through
- **Multiviewer Mode SDI Compliance** - SMPTE 292M, SMPTE 259M, SMPTE 424M, SMPTE 352M, SMPTE 296M
- **Multiviewer Mode SDI Color Space & Precision** - YUV 4:2:2/4:4:4, RGB 4:4:4 (SDI Inputs), YUV 4:2:2 (SDI&HDMI Inputs)
- **Switcher Mode SDI Compliance** - SMPTE 292M, SMPTE 259M, SMPTE 296M, SMPTE 424M, SMPTE 425M, SMPTE 372M, DVB-SDI
- **Switcher Mode SDI Color Space & Precision** - YUV 4:2:2/4:4:4 10/12bit, RGB 4:4:4 10/12bit, XYZ 4:4:4 12bit
- Dual Power Design

-  3-Gbps (3G)-SDI, higher resolution (FHD) of picture quality required Serial Digital Interface (SDI) for 1080p/60hz.
-  16ch multiviewer is perfect for large installation because all 16 3G-SDI input make a single multiview output source with 20 preset layouts
-  Each window has a 2ch audio meter overlay for monitoring the audio status, and you can choose 2 of 16ch embedded audio source from input
-  Each window can display custom UMD overlays up to 11 characters to indicate & mark the signal source info
-  Signal status overlay display the SDI input signal status at each window
-  Each window display an independent time code of SDI signal
-  Under matrix switcher mode, VZ-MV1602-SDI is compatible with various format signals in different resolutions & frame rates
-  Dual redundant power system guarantee the reliability of product

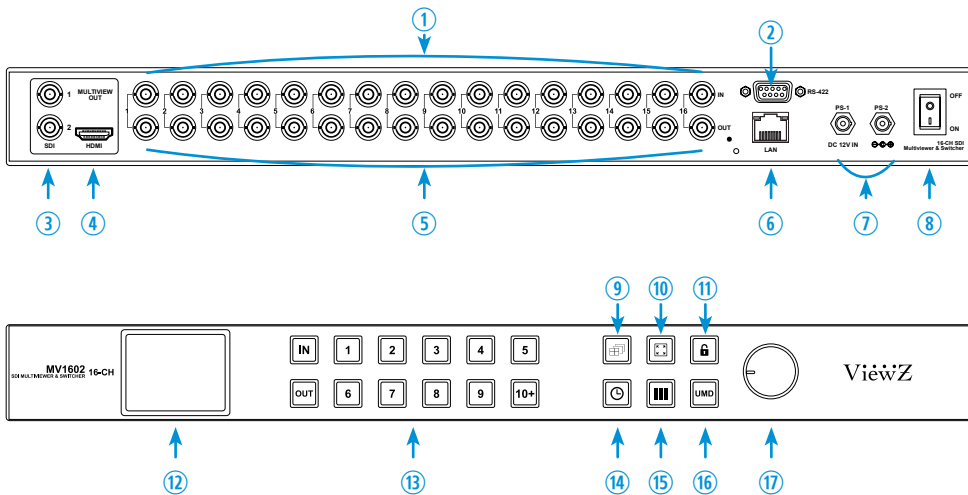
### Contact ViewZ

- Address : 177 W. Orangethorpe Ave., Placentia, CA 92870
- Phone : (714) 996-1177, Fax : (714) 996-1138
- Sales : sales@viewzusa.com
- Specification subject to change without notice.

### DIMENSION



### INTERFACE



- |                               |  |
|-------------------------------|--|
| 1. SDI IN (x16)               | 10. FULL SCREEN SELECTION                |
| 2. RS-422                     | 11. LOCK ON/OFF                          |
| 3. MULTIVIEW SDI Out (x2)     | 12. LCD DISPLAY                          |
| 4. MULTIVIEW HDMI Out         | 13. IN/OUT SELECTION & CHANNEL SELECTION |
| 5. SDI OUT (x16)              | 14. TIME CODE ON/OFF                     |
| 6. RJ-45 (NETWORK)            | 15. AUDIO METER ON/OFF                   |
| 7. DC12V - Power ADAPTER (x2) | 16. UMD ON/OFF                           |
| 8. POWER ON/OFF SWITCH        | 17. KNOB (CONTROL MENU ON DISPLAY)       |
| 9. MULTIVIEW LAYOUT SELECTION |  |

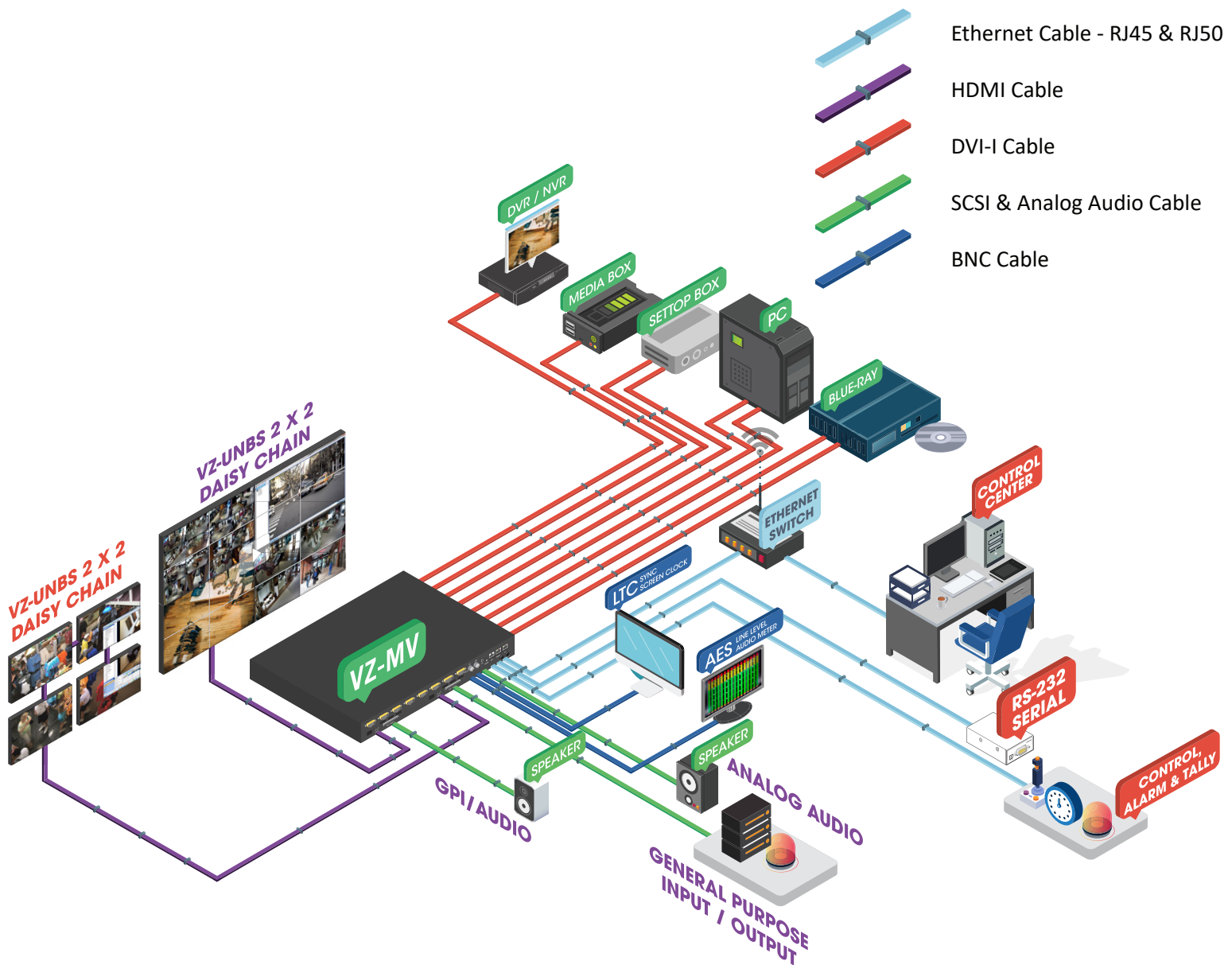
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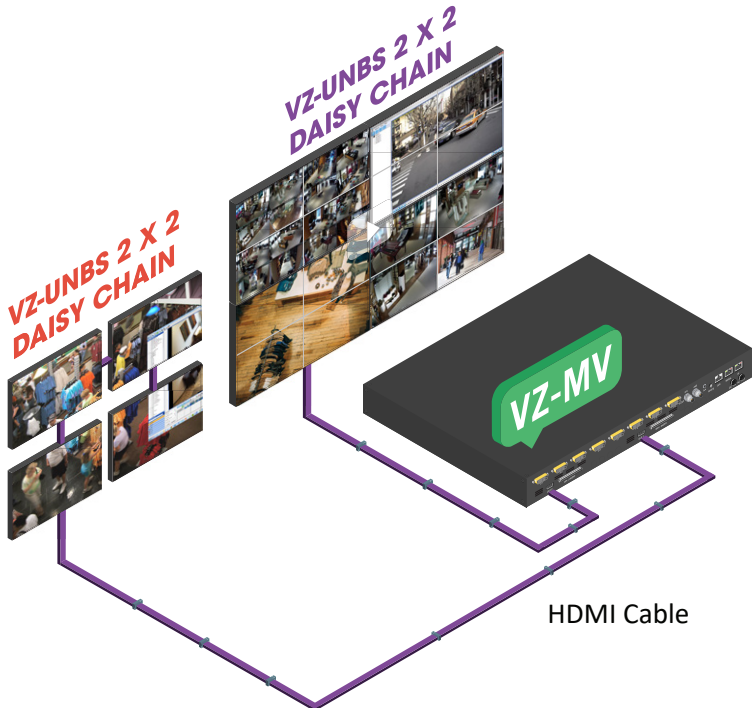
### Available Layout Presets

- Support PIP & POP
- Custom Screen Layout : Unlimited Custom presets
- Preset Screen Layout : User-defined 24 presets

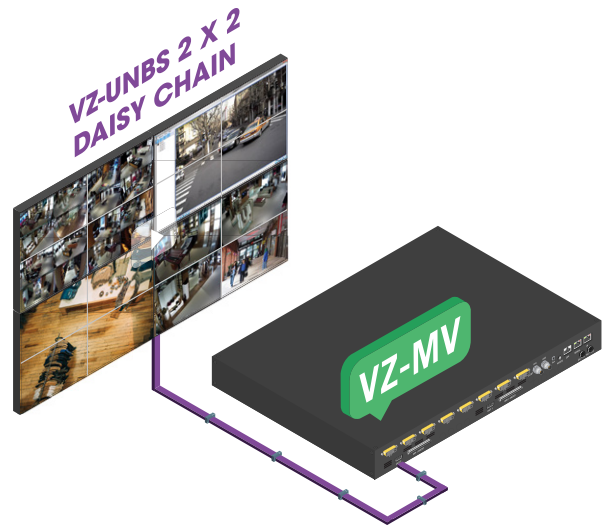
### VZ-MV Cable Connection



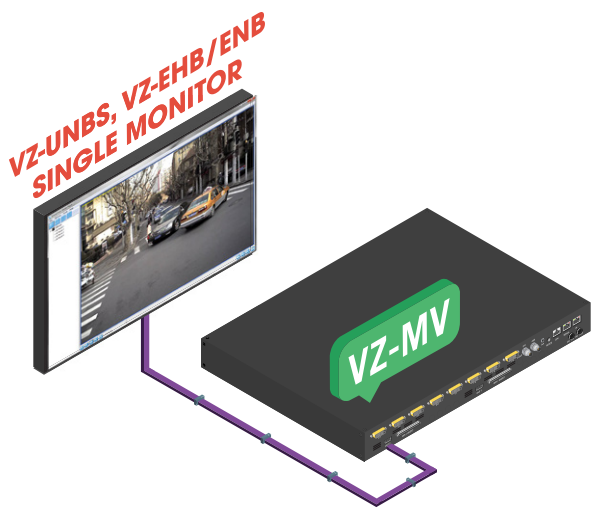
## APPLICATION



① 8 Monitors with 8 inputs



② 4 Monitors with 8 inputs



③ 1 Monitor