

VIO MVS-16HD-D

1RU compact 18ch.inputs& two outputs multi-viewer



VIO MVS-16HD-D is a 1 RU standalone multiviewer system. VIO MVS-16HD-D supports 16ch. HD/SD/CVBS & 2 DVI/HDMI auto adaptive inputs, 2 DVI/HDMI (up to 1920x1080P) with 2 duplicated HDSDI Outputs; it is a low cost multi-view display system with rich features, such as dual redundant power supplies, real time audio/video monitoring, dynamic UMD & tally, UV meter. Built in WEB server provides an easy control and supports SMNP and TSL protocol. VIO MVS-16HD-D is a perfect cost-effective display solution for broadcast and pro AV applications.



- Display up to 20 windows with 18 ch. signal source
- Support HD/SD-SDI /CVBS signal with 8ch.embedded audio, 525i,625i, 720P, 1080i, 1080P auto adapting
- Support composite video with analog audio, PAL & NTSC auto adapting
- Output resolutions, up to 1920x1080P
- Flexible output options: 4:3, 16:9, customized aspect ratio, supports 4:3 or 16:9 safe maker
- Selectable air timer and countdown timers, analog and digital clocks style
- Any channel can be enlarged to full screen
- Dynamic UMDs & Tally, programmable multi-color static UMD, also support OMD,IMD
- Support format display of input signal, AFD information, PPM meter
- Alarming of frozen/ black video/ video losing/luminance\black level overload/ audio silence /overload/ losing
- Built-in WEBSERVER via RJ45
- SNMP, TSL, GPS serial timing
- Cascading facility to increase the number of windows in single display
- Standard 1U frame with dual redundant power supplies
- Professional DSP accelerated image processing

Gravue Co., LTD

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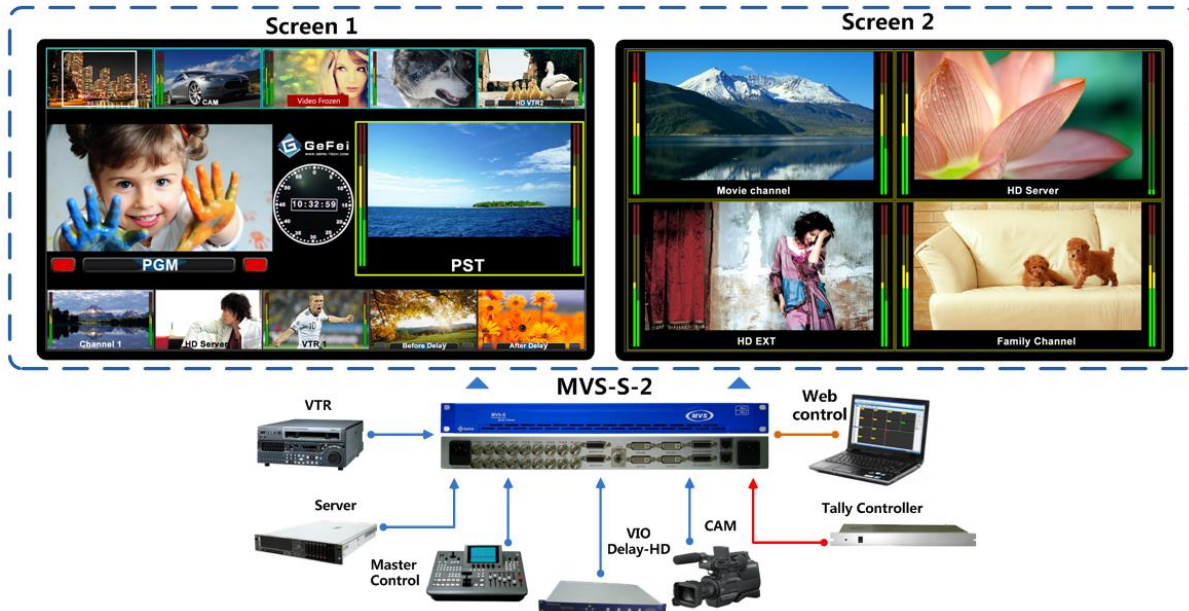
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Application-OB Van

OB Van



Application-Studio

Producing Room1

Screen 1



Producing Room2

Screen 2



- Dual outputs share all input sources (16 BNC+ 2 HDMI/DVI)
- Each signal source can be displayed in any output or both outputs.
- Support the same input signal in different video channels
- Any video channel can be easily moved from one output to another output in real-time.

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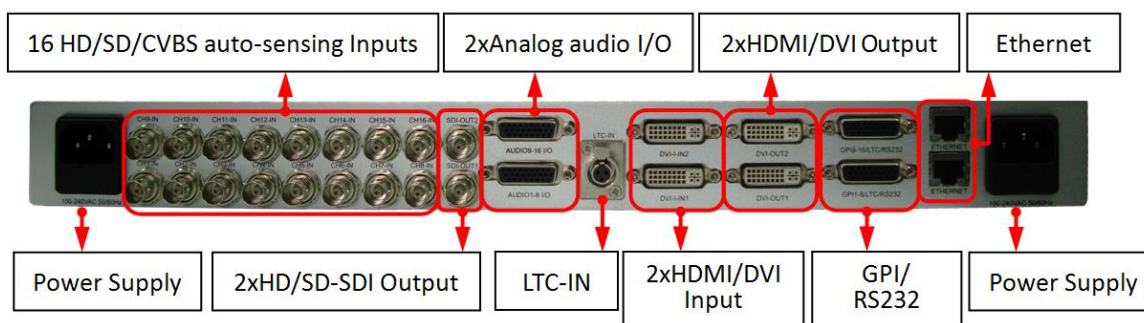


Easy WEB Setting U I & High Point

Diagram illustrating the web interface for the VIO MVS-16HD-D multi-viewer, showing various control areas and features:

- Input sources list:** Lists available input sources like Channel M, Channel S, Channel A, and Channel B.
- Label area:** Displays channel names and timecodes.
- Operation area for channels and other display elements:** The main area for configuring and displaying multiple video channels.
- Choose language Version:** Allows switching between different language versions.
- Layout management:** Provides tools to manage the layout of the displayed channels.
- Hot key for windows size and position:** Allows quick adjustment of window sizes and positions.
- Parameters setting area:** Provides detailed settings for various parameters.
- Make/Delete signal marker:** Allows marking specific points in the video signal.
- Speedy layouts save and recall:** Enables saving and recalling different layout configurations.
- Drag and drop to change window's signal source:** Allows changing the signal source for a window by dragging and dropping.
- One click to change any configuration:** Provides a quick way to change any configuration parameter.

Back interface



Ordering information

VIO MVS-8HD

1U standalone multiviewer with 8 HD/SD/CVBS + 1 DVI/HDMI/VGA adaptive inputs, one DVI/HDMI (up to 1920x1080) with duplicated HDSDI Outputs

VIO MVS-16HD-D

1U standalone multiviewer with 16 HD/SD/CVBS + 2 DVI DVI/HDMI/VGA adaptive inputs, 2 DVI/HDMI outputs (up to 1920x1080) with two duplicated HDSDI Outputs

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Technology Specifications

Number Of Video Input	16* 3G/HD/SD/CVBS +2* DVI(support HDMI)
Video Input	Support HD/SD-SDI signal with embedded audio and indicate up to 8 audio channels of Group1&2. SD: 480i 59.94, 576i 50 HD: 720p 50Hz/60Hz 1080i 50Hz/60Hz 1080p 24Hz/25Hz/30Hz 1080p 50Hz/60Hz CVBS: Pal, NTSC Equalization :100m for HD/SD-SDI Return Loss: >15dB up to 270Mb/s
Other Input format	DVI interface (Female) For 3G signal (1080p 50/59.94/60), the channel only displays UMD. For other signal source, the channel can display all the elements like video channel Video format: SD: 480i 59.94, 576i 50 HD: 720p 50Hz/60Hz 1080i 50Hz/60Hz 1080p 24Hz/25Hz/30Hz 1080p 50Hz/60Hz Graphic format: 1280x720px50/60Hz 1920x1080px25/30Hz 1920x1080px50/60Hz
Number Of Video Output	2*HDS DI+2*DVI/HDMI
DVI Output Format	DVI interface (Female),Support HDMI/DVI Output resolutions : 1024x768, 1280x720, 1280x768 1280x1024, 1360x768, 1400x1050 1600x1200, 1680x1050, 1920x1080
SDI Output Format	Duplicate signal with DVI/HDNI output interface 720p (When HDMI output resolution is configured as 1280x720p); 1080i (When HDMI output resolution is configured as 1920x1080i); 1080p (When HDMI output resolution is configured as 1920x1080p);
Analog Audio Input &Output	2*DB26 with break-out cable (XLR interface) 8ch. analog audio input or 16ch. analog audio input 1ch. analog audio output DC Offset: 0V , +0.1V Return Loss :40dB up to 5MHz
Control	Ethernet: RJ45 interface, for WEB configure\TSL protocol\ SNMP protocol (Top port is invalid) RS232/GPI: DB26 LTC: XLR, EBU code
Physical	Power: Dual redundant power supplies 100-250V 50/60Hz 2.5A Max 2x120W Temperature: Operation temperature: 0-40℃ Store temperature: -30-+75℃ Dimension: 438 x 368 x 44mm

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