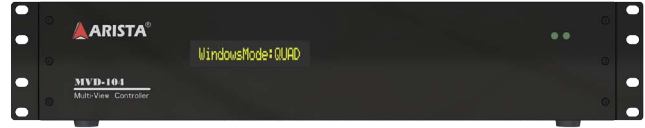


Arista MVD-104 is a multi-functional video processor which includes Quad Windows Multiviewer, 2 x 2 Video Wall Controller and 4-Port USB Switch. Quad Windows Multiviewer function displays four video windows simultaneously from four different video sources or computers on single LCD monitor. The Video Wall Controller function of MVD-104 expands Quad View, Picture in Picture, Picture on Picture display on 2x2 video wall to give much larger display area for longer viewing distance. The modular video inputs and modular video outputs of MVD-104 gives flexibility and versatility to the users who face uncertain requirements from the applications that need AV signal from a diverse range of source devices, resolutions and signal formats. This MVD-104 overcomes these challenges through a rich array of video input modules, VGA, CBVS, YPbPr, DVI, HDMI, DP and 3G-SDI that support all popular AV input signal formats. Four swappable video output modules for 2x2 video wall display or four duplicate displays at four different locations. MVD-104 provides optional Video Extender module for remote video source and remote display up to 100 meters via CAT 6 cable. For the applications which need much longer extension for remote video source and remote display, optional Fiber Video Extender will be able to connect for remote video source and remote display up to 1,000 meters. These features provide the power and flexibility needed to adapt to the ever-changing demands of media-rich AV environments. Additionally, it can switch one of the four attached computers to a shared keyboard and mouse for operation and to an additional USB device.



Key Features

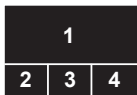
- 2U 19" Rack Mount form factor.
- Quad, Picture in Picture, Picture on Picture, Full Screen and Dual display modes.
- Independent video in to video out resolution.
- Four swappable video input modules accept analog and digital video signals.
- Video input supports DVI/HDMI/DP/3G-SDI and VGA/YPbPr/CVBS video signals.
- Four swappable video output modules for 2x2 video wall display.
- Four swappable video output modules for duplicate display at four different locations.
- Optional Video Extender module for remote video source and remote display up to 100 meters via CAT 6 cable.
- Optional Video Extender module for remote video source and remote display up to 1,000 meters via Fiber cable.
- Built-in 4-port USB switch to switch devices between connected computers.
- Compliant with USB 2.0 (high-speed and low/full speed) standards.
- Touch screen support – operate connected computers via USB touch screen monitor.
- Audio output jack for audio monitoring.
- RS-232 port for Control Console MVD-108 or
- Ethernet port for Control Software running on remote computer.
- IR receiver for IR Remote Control.

Display Modes



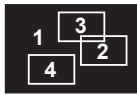
Quad Mode

In quad mode, the screen is split into four fields of equal size each displaying the entire contents of four different video sources.



Picture on Picture (POP) Mode

In PIP mode, the full screen display of one of the four video sources is accompanied by one or three small images (thumbnails) of the three other video sources on the right hand margin of the screen allowing simultaneous monitoring.



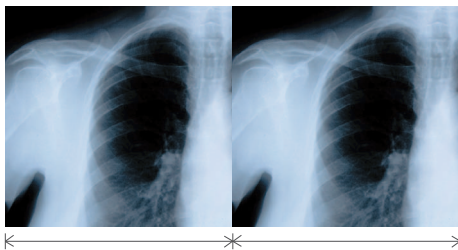
Picture in Picture (PIP) Mode

Size, position and selection of the thumbnails are customizable.



Dual Mode

In dual mode, the half of the full screen images from two video sources are displayed side by side. The user can use control software to shift both half images. This feature was designed for application that needs to compare specific portion of tow images.

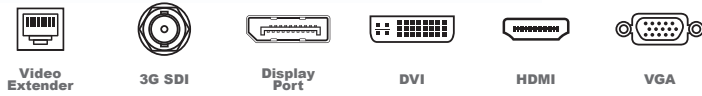


Full Screen Mode

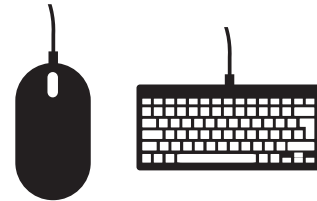
In full screen mode, one of the four video sources is displayed in full screen size and maximum resolution.



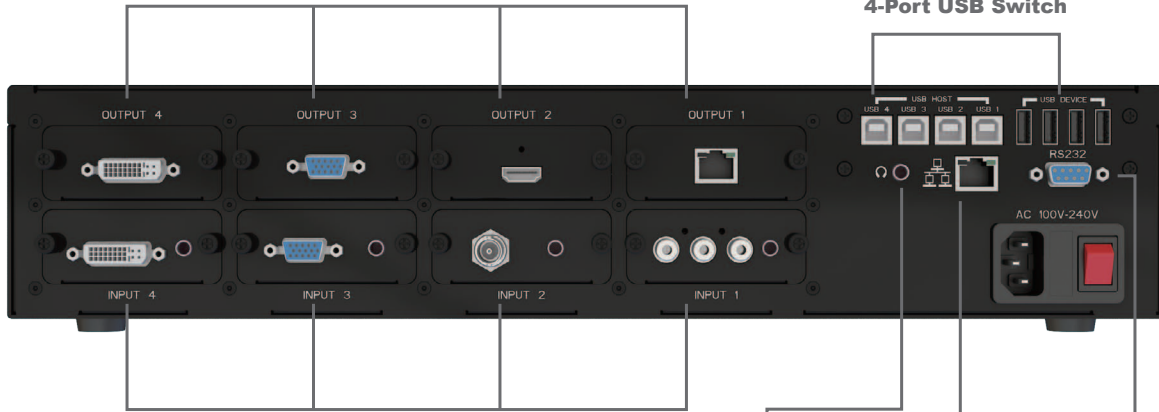
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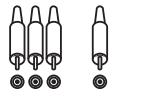
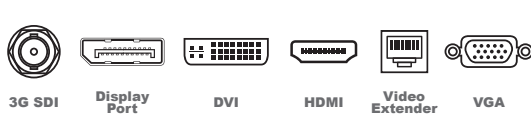
Four Swappable Video Output Modules



4-Port USB Switch



Four Swappable Video Input Modules



Audio Monitoring

Control Software Via TCP/IP

MVD-108 Control Console

