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SMP 16

16-Input Multi-Viewer Family

FEATURES

- Compact 1RU Frame.
- Modular Format Allows Future Expansion.
- Multi-Format Input Cards - 3G HD−SDI, Composite Video or HDMI.
- Expandable From 4 to 16 Inputs In Increments of 4.
- Dual Independent Outputs - Each output has both HDMI and HD−SDI in parallel.
- Max Input Resolutionn - 1080p, 1920x1200 & 3G HD−SDI.
- Max Output Resolution - 4K.
- Control & Setup Via LAN - The Redwood has a built in Browser to enable easy set up.
- Front Control Panel - Fr recall of pre−set configurations.
- Hot Swappable Cards
- Intelligent Fan Control - For quiet operation.
- Alarms - For video/ audio and metadata.
- GPI & Tally Support.
- Under monitor display support including dynamic UMD when paired with Sierra router.
- Audio Metering of up to 16 channels of embedded audio with balistically correct scales Dolby E monitoring option (Via VIP-3D)
- Frame option with Internal 16x16 HD-SDI router.
- Discrete Analog & Digital audio input options
- Redundant Power Supply (RPS) - Optional.
- 5 year return to base warranty

The Redwood platform is modular and offers a choice of video and audio input cards and rears. There are six card slots in the Multi−viewer. Two of these are reserved for the Control card and Output card with their associated rear modules. The product is fully modular and cards may be added or swapped at a later date. A range of rear modules allows for complete flexibility in choice of I/O format. The provides immense application flexibility.

In Digital Playout, SDI outputs may be used for the playout chain and HDMI may be used to monitor return feeds from STBs and viewed as a PIP in the main TX output.

The audio input cards provide great capability in Studios and OB to visualize multiple audio sources. In small OB environments, where space and cost is at a premium, the loop through rears (RMP−SL4) mean DAs or router outputs may be avoided.

The SMP−Rxx features an integrated SDI router. When using the router rear panels (RMP−SR4), a 16x16 SDI video router complements the fully featured Multi−viewer.

Where space is constrained, such as small OB or SNG trucks, this provides great combined functionality and flexibility in a compact easy to use 1RU form factor. As with the SMP−Sxx, the SMP−Rxx is fully configurable with a range of card and rear panel options.

SierraView™ SMP 16-Input Multi-Viewer Family

CONFIGURATIONS

Model	Description
Sample Configutrations	
3G-HD-SDI	
SMP-S4HD	SierraView™ SMP 4xHD-SDI(3G) in 2 out Multi-viewer 1RU
SMP-S8HD	SierraView™ SM 8xHD-SDI(3G) in, 2 out Multi-viewer 1RU
SMP-S12HD	SierraView™ SM 12xHD-SDI(3G) in, 2 out Multi-viewer 1RU
SMP-S16HD	SierraView™ SM 16xHD-SDI(3G) in, 2 out Multi-viewer 1RU
3G-HD-SDI With Router	
SMP-R4HD	SierraView™ SM 4xHD-SDI(3G) in, 2 out Multi-viewer 1RU (with router)
SMP-R8HD	SierraView™ SM 8xHD-SDI(3G) in, 2 out Multi-viewer 1RU (with router)
SMP-R12HD	SierraView™ SM 12xHD-SDI(3G) in, 2 out Multi-viewer 1RU (with router)
SMP-R16HD	SierraView™ SM 16xHD-SDI(3G) in, 2 out Multi-viewer 1RU (with router)
HDMI	
SMP-S4H	SierraView™ SM 4xHDMI in 2 out Multi-viewer 1RU
SMP-S8H	SierraView™ SM 8xHDMI in, 2 out Multi-viewer 1RU
SMP-S12H	SierraView™ SM 12xHDMI in, 2 out Multi-viewer 1RU
SMP-S16H	SierraView™ SM 16xHDMI in, 2 out Multi-viewer 1RU