SMP-xx 1 RU Modular Multi-Viewer Family

4,8,12 &16 Input Modular MultiViewer

The SMP−xx is our new fully−featured 1RU Modular MultiViewer. It is ideal for a wide range of Professional AV and High End Broadcast applications. SMP−xx is extremely flexible and allows for monitoring of a wide range of both Video and Audio sources on a single, or dual, independent displays. The compact 1RU frame features 6 modular slots, 2 of which are reserved for the Network and MultiViewer controller cards. The other 4 slots are available for modular Video or audio input cards. The frame is available either as a standard frame (SMP−Sxx) or as the optional SMP−Rxx. The SMP−Rxx frame features an integral 16x16 router for up to 3G HD−SDI. This makes the SMP−Rxx an ideal solution for space critical applications such as Outside Broadcast units where both routing and MultiViewing are required.

The SMP−xx MultiViewer offers all the standard features you would expect from a fully−featured Broadcast MultiViewer such as tally support, sophisticated video/Audio/Metadata alarms, Under Monitor Display, Genlock input, Multiple clocks and timers and much more. But, despite its superb feature set, one of its key advantages is that we make it easy to use. The MultiViewer is controlled via an intuitive browser based GUI that enables you to free−from scale and position all your video/audio tiles on screen using simple drag and drop and click technology. Due to the simplicity of its control coupled with our outstanding 5 year warranty, whilst retaining the sought after feature set, the SMP−xx is already the MultiViewer of choice for a wide range of Broadcast and command and control applications worldwide.

The SMP−xx can be expanded from 4 to 16 video inputs in increments of 4 at a time. Video inputs can be chosen to be a mixture of HD−SDI (up to 3G), HDMI (with HDCP),

RGBHV, Component Video or Composite Video. Several rear modules can be partnered with our VIP−3 (or VIP−3D) video scaler cards to give ultimate input flexibility:

- RMP−SD4: 4 x BNC inputs, each of which can support up to 3G HD−SDI. Up to 2 of these BNC can be also used to support analog Composite Video inputs.
- RMP−SL4: 4 x 3G HD−SDI inputs − each with a local loop. The rear module features 8 connectors (4 x nputs and 4 x local loops) on a choice of either 1.0/2.3 connectors or Micro BNCs.
- RMP−HM4: 4 x HDMI inputs.
- RMP−HM2: 2 x HDMI inputs and 2 x BNC inputs. The BNC inputs can support up to 3G HD−SDI or analog Composite Video.
- RMP−SR4: 4 x 3G HD−SDI inputs and 4 x 3G HD−SDI router outputs. The 8 connectors are available on a choice of either 1.0/2.3 connectors or Micro BNCs.
- RMP−AN4: 4 x Analog inputs supporting either 4 x Component Video, or 2 x RGBHV and 2 x Composite Video.
- MP−CV4: 4 x BNC inputs, each of which can support analogue Composite Video or up to 3G HD−SDI

The SMP−xx is also extremely powerful in terms of its audio metering capability. Up to 16 channels of embedded audio from each Video input can be metered on screen via industry standard balistically correct scales. This gives you the ability to display metering of up to 256 channels of embedded audio simultaneously. External Analog or digital audio input cards can be added in place of Video input cards to allow for level metering of up to a maximum of 128 channels of external Digital or Analog audio. Any of the following audio input and output cards can be partnered with our RMP−A32 Audio rear:

- AIP32A − 32 Channel Analog Audio input card
- AIP32D − 32 Channel Digital Audio input card
- AIP32AD − 32 Channel Analog + 32 Channel Digital Audio input card
- OP32D − 32 Channel Digital Audio output card

- Under Monitor Display - UMD text can be updated via the web interface, USB keyboard, or dynamically via Sierra or TSL protocol.
- Redundant Power Supply (RPS) - Optional via 1RU Power−xx frame.
- 5 Year Warranty

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CONFIGURATIONS

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