



# HD/SD-SDI Options

## Data Sheet

Module Call Out	S1 - SDI Video Option	S2 - SDI Video Option	S4 - SDI Video Option
Description	Confidence Monitors Module	1U Embed Critical Viewing	Single Link Critical Viewing Monitor
Integration Description	This Module can be integrated into small Monitors and Some Drawers	This Module Can be integrated into small Monitor and Drawers	This Controller Is Available in some of our High end Drawers, Wide Format Critical Viewing panels, and Custom Ruggedized Monitors (MMR Series)
<b>DIT Supported Models</b>			
DTS	DTS-OR10x2 & DTS-OR7Wx3		DTS-RM17 / 170W / 19, DTS-RM201 & DTS-OR240W
RD1U		RD1U-C20XX, RD1U-C24XX & RD1U-F30XX	RD1U-F27XX & RD1U-F30XX
PDD			PDD2-F24201 & PDD3-F2619x2
FHD			FHD-B26, FHD-B42 & FHD-B52
MMR			MMR-B170W, MMR-B153W, MMR-B106W & MMR-B070W
aRGB	VGA HD15 Connector	VGA HD15 Connector	VGA HD15 Connector
DVI	N/A	DVI-D	DVI-D
Composite (CVS)	x1 NTSC/PAL through BNC Connector	x1 NTSC/PAL through BNC Connector	x2 NTSC/PAL through BNC Connector
S-Video (S-VHS)	x1 NTSC/PAL through 4 Pin Mini Din	x1 NTSC/PAL through 4 Pin Mini Din	x1 NTSC/PAL through 4 Pin Mini Din
Component SD/HD YPbPr	No	No	x1 NTSC/PAL through BNC Connectors
<b>HD/SD-SDI</b> Single Link 4:2:2 SMPTE 259M/292M/296	x1 Channel, BNC Port	x1 Channel, BNC Port	x1 Channel, BNC Port , (Optional Second Channel)
<b>HD/SD-SDI</b> Dual Link 4:4:4 SMPTE 372M	No	Optional	No
Audio	x2 channel Analog HD-SDI, audio output @ -10dBV nominal	No	x2 Chanel Analog NTSC Audio Loop Through with Amplified Volume Control Only
Loop Out	x2 HD/SD-SDI	x1 HD-SDI/SDI on Single Link Option (Dual Link requires both Connectors No Loopout)	x1 HD-SDI/SDI looping outputs, (Second Channel Loop Out Option Available)
Scaling	High quality scaling engine for proper display of 4:3 or 16:9 content	Full Functional Genesis Scalar	Genesis Scalar, Scaling to fill screen and fill to aspect ratio, Up/Down scaling to fit input to panel format.
PIP (picture in picture)	No	No	Yes, variable position, all input combination except Hd-SDI to HD SDI (3 sizes)
Color Space Control	LCD Only	LCD and HD-SDI	Full Featured Color Adjustment
OSD Menu	Limited OSD Controls from Front Keypad Only	Limited OSD Controls from Front Keypad. HD/SDI Full Menu From IR Remote.	Full OSD Controls from front Keypad, Shows System Information
IR Remote	No	Yes	Optional
Serial Remote Controls	No	HD-SDI Only	Optional, Full Functional
Software Available	None	RS-232 (HD-SDI Only) Remote control and firmware upgrade Software. Optional Color Calibration Software	RS232 Remote control and firmware upgrade Software. Optional Color Calibration Software
Other Features		-Preset LUT -HD-SDI input supports RGB, YCbCr and XYZ color space -Advanced Image Processing Includes: --Spatial Interpolation: Clear and sharp rendition of static images --Advanced De-Interlace: Processing Clear, accurate output of moving images --Temporal Processing: Smoother frame rate conversion	-Up to 8 bit per color, i.e. 16.7 million colors. -Programmable hot keys. -Horizontal & Vertical image inversion -More
Future Options			
Frame Rates	NTSC, PAL, 525i, 625i, 720p, 1080i, 1080p	NTSC, PAL 720p 60, 59.94, & 50Hz 1080i / 1080p 30, 29.97, 25, 24 & 23.98Hz 2048x1080p & sf 24 & 23.98Hz	



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