

## videoReferee® –SR

### Technical Characteristics

Parameters	SR	SR 3G	SR III
<b>Inputs (SDI)</b>			
HD / SD	8	8	12
3G*	—	8	10**
<b>Video Formats</b>			
HD / SD-SDI	29.97/59.94Hz based: 1920x1080/59.94i, 1920x1080/29.97PsF, 1280x720/59.94p, 720x480/29.97PsF, 720x480/59.94i 25/50Hz based: 1920x1080/50i, 1920x1080/25PsF, 1280x720/50p, 720x576/25PsF, 720x576/50i Support of 16:9 and 4:3 modes		
3G-SDI	—	1920x1080/59.94p, 1920x1080/119.88i, 1920x1080/50p, 1920x1080/100i	
<b>Channels (simultaneously)</b>			
HD / SD	8 Recording + 4/1 Search or 1 Playout	8 Recording + 4/1 Search or 1 Playout	12 Recording + 4/1 Search or 1 Playout
3G*	—	8 Recording + 4/1 Search or 1 Playout	10 Recording + 4/1 Search or 1 Playout
<b>Video Standards SDI</b>			
HD / SD	HD video conforms to SMPTE 292M, SMPTE 274 720p video conforms to SMPTE 296M SD video conforms to SMPTE 259M		
3G	—	3G video conforms to SMPTE 424M / SMPTE 425M	
<b>Graphic ports</b>	3 (HDMI™, DP)		
<b>RRA option (SDI output of the referee monitor)**</b>	HD-SDI		
<b>Multiviewer</b>	Up to 10/14 video windows. 2 Layouts		
<b>Referee workplaces</b>	1		
<b>Separate engineering workplace</b>	Yes		
<b>Audio Inputs</b>	2 embedded audio channels per video channel (embedders are not included)		
<b>Audio Outputs</b>	MB audio output / DP / HDMI™		
<b>Internal storage</b>	SSD		
<b>Storage capacity</b>	40 / 82 / 128 / 160 hours of Full HD (125 Mbit) video		

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<b>Scoreboard Interface***</b>	Yes / PiP from any camera		
<b>Compression</b>	DCT Based I-Frame		
Recording	M2TS; MPEG-4 (*.mp4); H264 (*.mp4); DVD		
Export formats	XDCAM 50 (*.mxf) (only for HD)		
<b>Controls</b>	Specialized Jog/Shuttle controllers (via RS-232 /RS-485 / USB / Ethernet), keyboard, mouse		
<b>Additionally</b>	Ability to network with slomo.tv servers		
<b>Data exchange</b>	1 GbE (Network); USB 3.0 / eSATA (External HDD Box)		
<b>Maximum distance of connections</b>	SDI up to 110m; Control up to 150m; HDMI™ / DP up to 5m	SDI up to 110m; 3G-SDI up to 90m; Control up to 150m; HDMI™ / DP up to 5m	
<b>Power Consumption</b>	100 W		
<b>Power</b>	110V/60Hz or 220V/50Hz		
<b>Redundant PWR Supply</b>	Yes**		
<b>Chassis</b>	1U, 19"		
<b>Dimensions (H x W x L) mm</b>	44 x 483 x 403		
<b>Weight Kg</b>	5.6 / 6.1 with redundant power supply		

**Notes:**

\* – 3G SDI Level A, Level B support.

\*\* – optional.

\*\*\* – Supported: Westerstrand, Nautronic NTpult, Nautronic NAUCON-1000, Bodet, Omega Saturn, Megalux, NatalInfo, Victory, VITA, Araneus-NGLight, ElTablo, Stramatel, Colosseo, CEDR, Favero Console-700.