

## videoReferee® -V Series Technical Characteristics

Parameters	videoReferee® -V	videoReferee® -VG
<b>Inputs SDI</b>		
<b>HD/SD</b>	24	24**
<b>3G*</b>	-	24**
<b>Video formats</b>		
<b>1080i</b>	1920 x 1080 / 50i; 1920 x 1080 / 59.94i	
<b>1080p</b>	1920 x 1080 / 29.97PsF; 1920 x 1080 / 25PsF	
<b>720p</b>	1280 x 720 / 59.94p; 1280 x 720 / 50p	
<b>SD</b>	720 x 480 / 29.97 PsF; 720 x 576 / 25 PsF; 720 x 480 / 59.94i; 720 x 576 / 50i	
<b>3G*</b>	-	1920x1080/50p; 1920x1080/60p; 1920x1080/100i; 1920x1080/120i
	Support of 16:9 and 4:3	
<b>Channels (simultaneously)</b>		
<b>HD/SD</b>	24 Recording + 1 / 2 / 3 / 4 Search or 1 Payout	
<b>3G*</b>	-	24 Recording + 1 / 2 / 3 / 4 Search or 1 Payout
<b>Video Standards SDI</b>		
<b>HD/SD</b>	HD video conforms to SMPTE 292M, SMPTE 274 720p video conforms to SMPTE 296M SD video conforms to SMPTE 259M	
<b>3G</b>	-	3G video conforms to SMPTE 424M / SMPTE 425M
<b>Output for 2nd referee's monitor</b>	4 DP	
<b>SDI Output option</b>	Yes	
<b>Compression:</b>		
<b>Recording</b>	I-Frame DCT Based	
<b>Export</b>	M2TS; MPEG-4 (*.mp4); H264 (*.mp4); DVD; XDCAM 50 (*.mxf) (for HD only)	
<b>Internal storage</b>	SSD	
<b>Storage capacity</b>	16 / 32 TB SSD 168 / 336 hrs. Full HD video	
<b>Audio Inputs</b>	2 embedded audio channels per video channel (embedders are not included)	
<b>vR-Cam Audio Inputs</b>	2 audio sources per camera	
<b>Audio Outputs</b>	MB audio output / DP***	
<b>Number of workplaces</b>	2 (optional 3)	
<b>Scoreboard Interface****</b>	Yes / PIP from any camera	
<b>Controls</b>	Special Jog/Shuttle controller (via RS-232 / RS-485 / USB / Ethernet), keyboard, mouse; vR-Keypad	
<b>Additionally</b>	Ability to network with slomo.tv servers	
<b>Data exchange</b>	1 GbE (Network); USB 3.0/eSATA (External HDD Box); Built-in trayless / toolless 3.5" SATA HDD Rack	

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<b>DMR™ RACK</b>	1	
<b>Control from HQ via Internet</b>	Yes	
<b>Maximum distance of connections</b>	SDI up to 110m; Control up to 150m; DP up to 5m	SDI up to 110m; 3G-SDI up to 90m; Control up to 150m; DP up to 5m
<b>Power Consumption</b>	450 W	
<b>Power</b>	110V/60Hz or 220V/50Hz; Redundant PWR Supply	
<b>Chassis</b>	4U, 19"	
<b>Dimensions (H x W x L) mm</b>	176.5 x 484 x 560	
<b>Weight Kg</b>	19.5	

**Notes:**

\* – 3G SDI Level A.

\*\* – Shareable.

\*\*\* – in some configuration audio out is possible via DP.

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