videoReferee®-VHL2G

Technical characteristics

Parameters	videoReferee®-VHL2G
Inputs 3G/HD SDI	12
Video Formats SDI	
HD/SD	29.97/59.94Hz: 1920x1080/59.94i, 1920x1080/29.97PsF, 1280x720/59.94p, 720x480/29.97PsF, 720x480/59.94i 25/50Hz: 1920x1080/50i, 1920x1080/25PsF, 1280x720/50p, 720x576/25PsF, 720x576/50i Support of 16:9 and 4:3 modes
3G	1920x1080/59.94p, 1920x1080/119.88i, 1920x1080/50p, 1920x1080/100i
Channels (simultaneously)	
HD/SD	12 Recording + 4/1 Search or 1 Playout
3G	12 Recording + 4/1 Search or 1 Playout
Video Standards SDI	
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
Interface monitor	2 (DVI, HDMI™)
Referee output broadcast (optional)	HD SDI
Multiviewer	Up to 14 video windows. 2 Layouts
Referee workplaces **Additional Workplace**	1 Optional
Separate engineering workplace	Yes
Gesture control	Optional (Touch screen monitor is provided by user)
Audio Inputs	2 embedded audio channels per video channel (embedders are not included)
Audio Outputs	MB audio output / HDMI™
Internal storage	HDD / SSD
Storage capacity	12 TB 128 hrs. Full HD video
Supported Scoreboard	Westerstrand, Nautronic NTpult, Nautronic NAUCON-1000, Bodet, Omega Saturn, Megalux, NataInfo, Victory, VITA, Araneus–NGLight, ElTablo, Stramatel, Colosseo, CEDR, Favero Console-700 or PiP from any camera
Compression:	
Recording	I-Frame DCT Based
Export formats	M2TS; MPEG-4 (*.mp4); H264 (*.mp4); DVD XDCAM 50 (*.mxf) (only for HD)
Controls	Specialized Jog/Shuttle controllers (via RS-232 /RS-485 / USB / Ethernet); keyboard, mouse
Additionally	Ability to network with slomo.tv servers

Parameters	videoReferee®-VHL2G
Data exchange	1 GbE (Network); Built-in trayless/toolless 3.5" SATA HDD Rack; USB 3.0/eSATA (External HDD Box)
Built-in DMR™ RACK	1
Maximum distance of connections	SDI up to 110m; 3G-SDI up to 90m; Control up to 150m; DVI / HDMI™ up to 5m
Control from HQ via Internet	Yes
Power Consumption	350 W
Power	110V/60Hz or 220V/50Hz
Redundant PWR Supply	Optional
Chassis	4U, 19"
Dimensions (H x W x L) mm	176.5 x 484 x 591
Weight Kg	27.7 / 19.5