

## videoReferee®-8F

### Technical Characteristics

Parameters	videoReferee®-8F
<b>Inputs 3G*/HD SDI</b>	8
<b>Video formats</b>	
HD SDI	29.97/59.94 Hz: 1920x1080/59.94i, 1920x1080/29.97PsF, 1280x720/59.94p, 720x480/59.94i 25/50 Hz: 1920x1080/50i, 1920x1080/25PsF, 1280x720/50p
3G SDI*	1920x1080/59.94p, 1920x1080/119.88i, 1920x1080/50p, 1920x1080/100i
	Support of 16:9 and 4:3
<b>Channels</b> (simultaneously)	
Recording	8
Search or Playout	1 / 2 / 3 / 4 or 1
<b>Video Standards SDI</b>	
HD SDI	HD video conforms to SMPTE 292M, SMPTE 274 720p video conforms to SMPTE 296M
3G SDI*	3G video conforms to SMPTE 424M /SMPTE 425M
<b>Interface monitor</b>	2 (DP, HDMI™) / 4*
<b>Referee output for broadcast</b>	HD SDI* Option RRA monitor
<b>Multiviewer</b>	Up to 10 video windows. 2 Layouts Option Delay Mode 3s
<b>Gesture control</b> (Touch screen monitor is provided by user. Recommended: Iiyama multi-touch monitor)	Embedded touch screen control
<b>Referee workplaces</b>	1
<b>Compression:</b>	
Recording	I-Frame DCT Based
Export formats	M2TS; MPEG-4 (*.mp4); H264 (*.mp4); DVD; XDCAM 50 (*.mxf) (for HD only)
<b>Internal storage</b>	SSD
<b>Storage capacity</b>	
HD SDI	Up to 84 hrs. Full HD video 100 Mbit/s
3G SDI*	Up to 40 hrs. Full HD video 200 Mbit/s
<b>Audio Inputs</b>	2 embedded audio channels per video channel (embedders are not included)
<b>mini-vR-Cam Audio Inputs</b>	2 audio sources per camera
<b>Audio Outputs</b>	MB audio output / HDMI™
<b>Scoreboard Interface**</b>	External* / PiP from any camera
<b>Controls</b>	Specialized Jog/Shuttle controllers Control-VR (via RS-232 /RS-485 / USB / Ethernet), keyboard, mouse

Parameters	<i>videoReferee</i> <sup>®</sup> -8F
<b>Referee buttons</b>	Up to 4pcs.: Green (mark events); Red (intercom control); Blue (timer control). Via USB connection.
<b>Virtual offside lines</b>	Yes (Delta-offside)
<b>Referee intercom integration</b>	Native Vokkero support with adjustable audio level control
<b>Additionally</b>	Ability to network with slomo.tv servers
<b>Data exchange</b>	10 GbE (Network); USB 3.0; Built-in trayless/toolless 3.5" SATA HDD Rack
<b>Built-in DMR™ RACK</b>	1
<b>Maximum distance of connections</b>	SDI up to 110m; 3G SDI up to 90m; Control up to 150m; DP / HDMI™ up to 5m
<b>Power Consumption</b>	120 W
<b>Power</b>	110V/60Hz or 220V/50Hz
<b>Redundant PWR Supply</b>	Yes*
<b>Chassis</b>	2U, 19"
<b>Dimensions (H x W x L) mm</b>	88 x 482 x 512
<b>Weight Kg</b>	12

**Notes:**

\* – optional.

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