

## videoReferee®-B Series Technical Characteristics

| Parameters                             | B  | 8B  |
|--|--|---|
| <b>Inputs HD /SD-SDI</b>               | 4  | 8   |
| <b>Video formats</b>                   |  |   |
| 1080i                                  | 1920 x 1080 / 50i; 1920 x 1080 / 59.94i  |   |
| 1080p                                  | 1920 x 1080 / 29.97PsF; 1920 x 1080 / 25PsF  |   |
| 720p                                   | 1280 x 720 / 59.94p; 1280 x 720 / 50p  |   |
| SD                                     | 720 x 480 / 29.97 PsF; 720 x 576 / 25 PsF;<br>720 x 480 / 59.94i; 720 x 576 / 50i                                  |   |
|  | Support of 16:9 and 4:3  |   |
| <b>Channels</b> (simultaneously)       |  |   |
| Recording                              | 4  | 8   |
| Search or Playout                      | 1, 2, 3, 4 or 1  | 1, 2, 3, 4 or 1                                       |
| <b>Video Standards SDI</b>             | HD video conforms to SMPTE 292M, SMPTE 274<br>720p video conforms to SMPTE 296M<br>SD video conforms to SMPTE 259M |   |
| <b>Interface monitor</b>               | 2 (DVI, HDMI™)   |   |
| <b>Referee output for broadcast</b>    | HD-SDI*  |   |
| <b>Multiviewer</b>                     | Up to 4 video windows<br>(4 cameras)   | Up to 9 video windows<br>(8 cameras + Referee output) |
| <b>Referee workplaces</b>              | 1  |   |
| <b>Compression</b>                     |  |   |
| Recording                              | I-Frame DCT Based  |   |
| Export formats                         | M2TS; MPEG-4 (*.mp4); H264 (*.mp4); DVD;<br>XDCAM 50 (*.mxf) (for HD only)   |   |
| <b>Internal storage</b>                | HDD  |   |
| <b>Storage capacity</b>                | 8 TB<br>84 hrs. Full HD video  |   |
| <b>Audio Inputs</b>                    | 2 embedded audio channels per video channel<br>(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 (via mini Interface MC) * / PiP from any camera   |   |
| <b>Controls</b>                        | Specialized Jog/Shuttle controllers vR-Control (via RS-232 /RS-485 /<br>USB / Ethernet), keyboard, mouse           |   |
| <b>Network</b>                         | Yes<br>Working with slomo.tv servers on the same network   |   |
| <b>Data exchange</b>                   | 1 GbE (Network);<br>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;<br>Control up to 150m;<br>DVI / HDMI™ up to 5m   |   |

| Parameters                           | B                       | 8B |
|--------------------------------------|-------------------------|----|
|                                      | Optical HDMI™ up to 50m |    |
| <b>Power Consumption</b>             | 120 W                   |    |
| <b>Power</b>                         | 110V/60Hz or 220V/50Hz  |    |
| <b>Redundant Power Supply</b>        | Yes*                    |    |
| <b>Chassis</b>                       | 2U, 19"                 |    |
| <b>Dimensions<br/>(H x W x L) mm</b> | 88 x 482 x 512          |    |
| <b>Weight Kg</b>                     | 14                      |    |

**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.