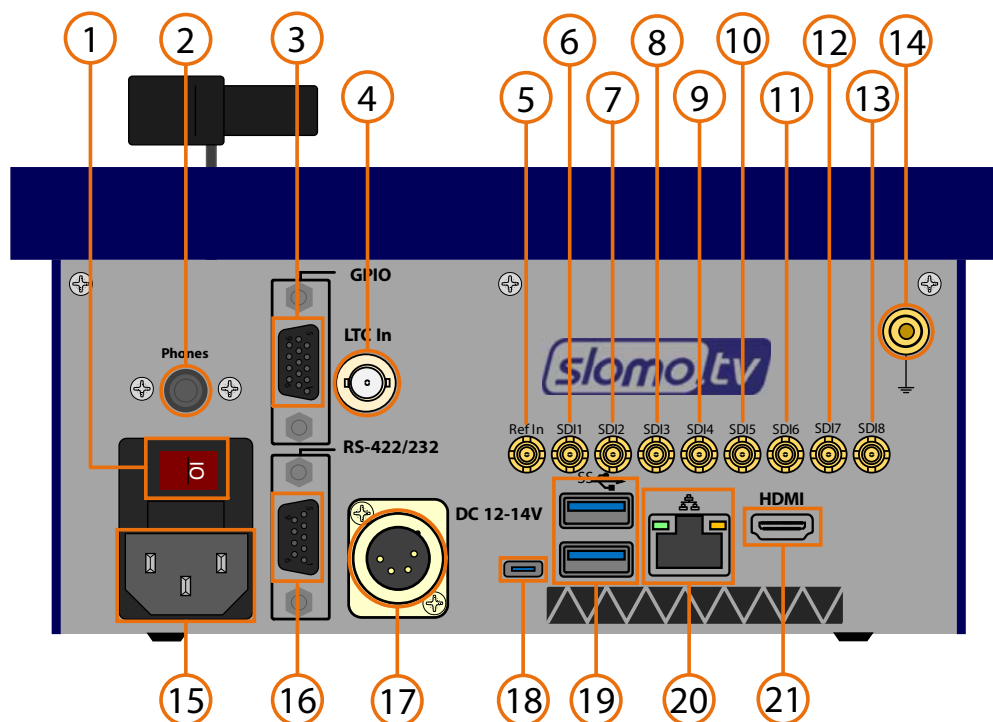


Ripley Technical Characteristics

Parameters	Ripley 442	Ripley Plus
Video inputs (connectors)	HD / SD SDI (DIN 1.0/2.3)	3G / HD / SD SDI (DIN 1.0/2.3)
Video inputs (Replay Mode / Recording for NLE)		
3G SDI	—	6 / 6
HD SDI	4 / 4	6 / 6
Video outputs	2 HD / SD SDI 1st Out – Playout with transition effects 2nd Out can be configured as Preview, Multiviewer, Alpha-channel, Game Analyzer or Delay Output.	
Graphics ports	mini DP, HDMI™	
Video Formats		
HD/SD SDI	29.97 / 59.94Hz: 1920x1080/59.94i, 1920x1080/29.97 PsF, 1280x720/59.94p, 720x480/29.97 PsF, 720x480/59.94i. 25 / 50Hz: 1920x1080/50i, 1920x1080/25 PsF, 1280x720/50p, 720x576/25 PsF, 720x576/50i. Support of 16:9 and 4:3 modes.	
3G SDI	1920x1080/59.94p, 1920x1080/119.88i, 1920x1080/50p, 1920x1080/100i	
Channels (simultaneously)		
3G SDI	—	6 Record / 6 Search / 2 Playback + FX
HD SDI	4 Record / 4 Search / 2 Playback + FX	6 Record / 6 Search / 2 Playback + FX
SD card standard	SDHC	
Codecs		
Replay	DCT based I-frame codec	
Export	ProRes 442, AVID DNxHD, XDCAM422 50Mbit, AVC-Intra 100/50, DVCPRO HD	
SD card	H.264, AVC-Intra 50Mbit	
Export Containers	QuickTime / MXF / MP4	
SSD storage capacity Hrs. at 100 Mbit/s HD video	66	
Multiviewer	Built-in into main interface. Additional – Full screen on 2nd graphical or 2nd SDI output. MultiSkin mode displays additional interfaces on primary or secondary monitors: <ul style="list-style-type: none"> • Multiviewer with video windows of all cameras, plus Preview and Program windows. (Provides convenient way to follow all recording channels and select interesting views). • Game Analyzer – Drawing on live or recorded video in analyzing of game situations. 	
Recorded Audio Channels (embedded)	Up to 32 / 32 audio channels embedded into SDI output signal 16 / 24 bit 48 kHz	
Replay Audio Channels	8 embedded audio channels	
Controller	51 RGB illuminated push buttons, Jog Shuttle and T-Bar, providing up to 1024 values of lever position	

Parameters	Ripley 442	Ripley Plus
Integration with Match-controller and external devices	Via RS232/422 interface	
Time-code	LTC (SMPTE 12M-1)	
Synchronization	Support of Tri-level and Black Burst	
GPIO	2 inputs and 2 outputs for integration with external equipment (Mixer, Switcher, Automation)	
Video Exchange	1 GbE (Network)	
Video Standards	3G SDI video conforms to SMPTE 424M /SMPTE 425 HD video conforms to SMPTE 292M SD video conforms to SMPTE 259M 720p video conforms to SMPTE 296M 2001	
Power	110V/60Hz or 220V/50Hz / 12-14V DC via 4-pin XLR type connector	
Power Consumption	100 W	
Dimensions mm (H, W, D)	150 x 263 x 282	
Weight, kg	3.75	



- 1 – Power switch
- 2 – Phones
- 3 – GPIO – for External equipment integration (DHS-15)
- 4 – LTC Input (BNC)
- 5 – Reference Input (DIN1.0/2.3)
- 6...11 – Cameras 1...6 (SDI inputs 1...6 (DIN1.0/2.3))
- 12 – SDI Output – Preview (DIN1.0/2.3)
- 13 – SDI Output – Program (DIN1.0/2.3)
- 14 – Ground

- 15 – AC 110/220 V 60/50Hz
- 16 – RS-422/232 – for External equipment communication (DB-9)
- 17 – DC 12-14V
- 18 – miniDP (USB-C) 1920 x 1080 – Multiviewer Interface
- 19 – Keyboard and Mouse (USB)
- 20 – 1 GBE (RJ-45)
- 21 – HDMI™ 1920 x 1080 – Main Interface

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