

Simple R Series
Product Comparison Table

Parameters	Simple R				
	II 442	II 662	IIM 442	IIM 662	III 662
Video inputs (3G/HD/SD bi-directional SDI I/O)	8	8	8	8	16
Video inputs HD/SD SDI					
Replay mode (recording channels)	4	6 / 7	4	6 / 7	6 / 7 / 8 / 10 / 12
Recording for NLE	4***	8***	4*	Up to 8*	Up to 8*/12***
Sports video refereeing*****	4	8	4	8	Up to 12
Video inputs 3G SDI**					
Replay Mode	Up to 4	Up to 4	Up to 4	Up to 4	Up to 6
Recording for NLE***	Up to 4	Up to 6	Up to 4	Up to 6	Up to 6
Video outputs (Replay mode)					
HD/SD SDI	2	2 / 1	2	2 / 1	2 / 2 / 4*****
3G SDI**	2	2	2	2	2
	Replay Mode: 1st Output – Playout with transition effects between clips; 2nd Output can be configured as Preview, Multiviewer, Alpha-channel, Game Analyzer or VideoServer (delay) Recording for NLE: HDMI™ / DP Out with Multiviewer function for marking video				
Graphics ports	HDMI™ (2 pcs.), DP (1 pc.)				
Video Formats	Support of 16:9 and 4:3 modes				
HD/SD SDI	29.97/59.94Hz based: 1920x1080/59.94i, 1920x1080/29.97PsF, 1280x720/59.94p, 720x480/29.97PsF, 720x480/59.94i 25/50Hz based: 1920x1080/50i, 1920x1080/25PsF, 1280x720/50p, 720x576/25PsF, 720x576/50i				
3G SDI**	1920x1080/59.94p, 1920x1080/119.88i, 1920x1080/50p, 1920x1080/100i				
Operational channels HD/SD SDI (simultaneously)					
Replay Mode (Rec + Search + Playback + FX)	4 4 2	6 6 2; 7 7 2	4 4 2	6 6 2; 7 7 2	6 6 2; 7 7 2; 8 8 2; 10 10 2; 12 12 2; 8 8 4***** 12 12 4*****
Recording for NLE (Rec / Search)	4 / 4 ***	8 / 8 ***	4 / 4 *	8 / 8 *	Up to 12 /

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					12 ***
Operational channels 3G SDI (simultaneously)**					
Replay Mode (Rec + Search + Playback + FX)	4 4 2				6 6 2
Recording for NLE (Rec / Search)	6 / 6 ***	6 / 6 ***	6 / 6 *	6 / 6 *	6 / 6 *
Storage (SSD)	66 / 133 / 266 / 400 hrs. HD video 100 Mbit/s				
Multiviewer	Built-in into main interface – up to 9 video windows; Separate on second graphics or SDI output – up to 16 video-windows; As one of MultiSkin modes				
Recorded Audio Channels (Replay Mode / Recording for NLE)	Embedded 16 / 24 bit 48 kHz				
HD/SD SDI	Up to 32 / 32	Up to 48 / 64	Up to 32 / 32	Up to 48 / 64	Up to 64 / 96
3G SDI	Up to 32 / 32	Up to 32 / 48	Up to 32 / 32	Up to 32 / 48	Up to 32 / 48
Replay Audio Channels	8 audio channels embedded into SDI video output signal				
Codecs					
Basic	DVCpro 50 / DVCPRO HD, I-Frame DCT based				
DMR™*	–		ProRes 422, DNxHD, DVCPRO HD/50, XDCAM422 50Mbit, XDCAM 35, AVC-Intra 100/50, XAVC		
Export (basic)	XDCAM422 50Mbit				
Export (advanced)****	DVCPRO50/HD, ProRes 422, DNxHD, DVCPRO HD/50, XDCAM 35, AVC-Intra 100/50, XAVC, MPEG2 Long GOP, H.264, MPEG4				
Simple DMR™ Recording application	–		ProRes 422, DNxHD, DVCPRO HD/50, XDCAM422 50Mbit, XDCAM 35, AVC-Intra 100/50, XAVC		
Containers	QuickTime / MXF / MP4				
Time-code	LTC (SMPTE 12M-1) Support Drop Frame and Non-Drop Frame for 29.97/59.94 modes				
GPIO	2 inputs and 2 outputs for integration with external equipment (Mixer, Switcher, Automation)				
Video Exchange	1 GbE (Network); USB 3.0 / eSATA (External HDD)		10 GbE (Network); USB 3.0 / eSATA (External HDD)		1 GbE (Network);

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					USB 3.0 / eSATA (External HDD)
Video Standards					
HD/SD SDI	HD video conforms to SMPTE 292M; 720p SD video conforms to SMPTE 296M 2001; SD video conforms to SMPTE 259M				
3G SDI	3G video conforms to SMPTE 424M /SMPTE 425				
Controller	Specialized console with push-buttons, T-Bar and Jog/Shuttle (via USB, Ethernet, RS-232, RS-422 interface)				
Synchronization	Support of BlackBurst and Tri-Level signals				
Power	110V/60Hz or 220V/50Hz				
Power Consumption	Up to 100 W				
Dimensions mm (H x W x D)	44 x 483 x 403				
Weight Kg	5.1 / 6 (with redundant PS)				
Notes: * – DMR™ option required. ** – 3G option required. *** – Export only. **** – Export option required. ***** – Second workplace option required. ***** – videoReferee® option required.					