

	RD30	RD30-LB	RD71	RD71-LB	RD71-PRX
Video Features					
10bit HD AVC 4:2:2 1080P50/59.94			X	X	X
10bit HD AVC 4:2:2			X	X	X
10bit SD AVC 4:2:2			X	X	X
8bit HD AVC 4:2:0 1080P50/59.94			X	X	X
8bit HD AVC 4:2:0	X	X	X	X	X
8bit HD AVC 4:2:2			X	X	X
8bit SD AVC 4:2:0	X	X	X	X	X
8bit SD AVC 4:2:2			X	X	X
HD Mpeg2 4:2:0	X	X	X	X	X
HD Mpeg2 4:2:2			X	X	X
SD Mpeg2 4:2:0	X	X	X	X	X
SD Mpeg2 4:2:2			X	X	X
1, 2, 3 Frame Latency			X	X	X
Decoder Video Latency adjustment			X	X	X
Synchronous Feature (3D or 4K)			X	X	X
Audio Features					
Pairs of MPEG 1 Layer 2 Audio Decoding	4	4	8	8	8
Pairs of Dolby Digital Stereo (2.0) Audio Decoding	4	4	8	8	8
Pairs of Dolby Digital 5.1 Decoding	1 (discrete)	1 (discrete)	stereo downmix	stereo downmix	stereo downmix
Dolby Digital+ (2.0 and 5.1 support)	X	X			
Pairs of AAC-LC	4	4	8	8	8
Pairs of HE-AAC v1/v2	4	4			
Pairs of AAC 5.1/6.0 Audio Decoding	1 (discrete)	1 (discrete)	2	2	2
Pairs of DE/DD/LPCM Audio Pass-through	4	4	4	4	4
Pairs Analog Audio	4	4	2	2	2
Pairs SDI Embedded Audio	4	4	8	8	8
Pairs AES Audio	4	4	8	8	8
Mpeg1 Layer 2 Native Surround Alignment			X	X	X
Transport Features					

TCP Transport			X	X	X
UDP Unicast/Multicast	X	X	X	X	X
RTP Unicast/Multicast	X	X	X	X	X
SMPTE 2022 FEC Support	X	X	X	X	X
Service Filtering / Demultiplexing	X	X	X	X	X
GigE Routing with SMPTE2022 FEC	X	X	X	X	X
TSolP / GigE Output	X	X	X	X	X
ZIXI Link (direct from EN encoder)			X	X	X
ZIXI RX (from Zixi server)			X	X	X
Default Failover Source	X	X			
GigE IP Data Port	X	X	X	X	X
DVB-CI Common Interface		2			
DVB-S/S2 32APSK LBand demodulator		X		X	X
DVB-S2X 5% 10% 15% rolloff		X		X	X
DVB-S2X advanced demodulation and FEC					X
BISS1+BISS2 Decryption	X	X	X	X	X
Input/Output Features					
Sync IN (Frame Sync / Genlock)	X	X	X	X	X
L-Band Demod F-connector inputs		4		2	4
ASI/IP/RF Inputs		X		X	X
ASI Outputs	1	1	3	3	3
SFP Jack for optical module			X	X	X
HD-SDI/SD-SDI Output	4	4	4	4	4
3G-SDI Output			4	4	4
Selectable 3G-SDI Level A and B Output			X	X	X
Analog Composite Output	X	X	X	X	X
HDMI 1.4 Output	X	X	digital video	digital video	digital video
Additional Features					
Bars, Color, Tones and OSD ID			X	X	X
Hold last frame on input failure	X	X			
SDI Audio Matrix Routing	X	X	X	X	X
ANC Processing – VITC, AFD, Captions, OP47	X	X	X	X	X

WebUI Control	X	X	X	X	X
SNMP Control	X	X	X	X	X
Front Panel Control	X	X	X	X	X
User Saved/Stored Profiles	X	X	X	X	X
SD NTSC/PAL (480i59.94/576i25) B/G/M support	X	X	X	X	X
Ad-Insertion - SCTE 35 -> SCTE 104 support	X	X			
Ad-Insertion - ESAM POIS support	X	X			
Industry leading support	X	X	X	X	X