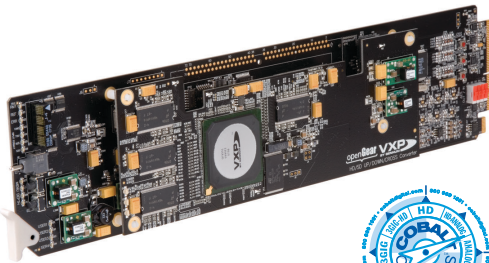


9062 » UP/DOWN/CROSS CONVERTER

with HD/SD-SDI Input, Embedded Audio, Frame Sync, Timecode and Closed Caption Support

OPTIONS

Audio Mixing (+AMx), Loudness Metering (+LM-C), Linear Acoustic® Upmixing (+UM), LTC In/Out (+LTC)

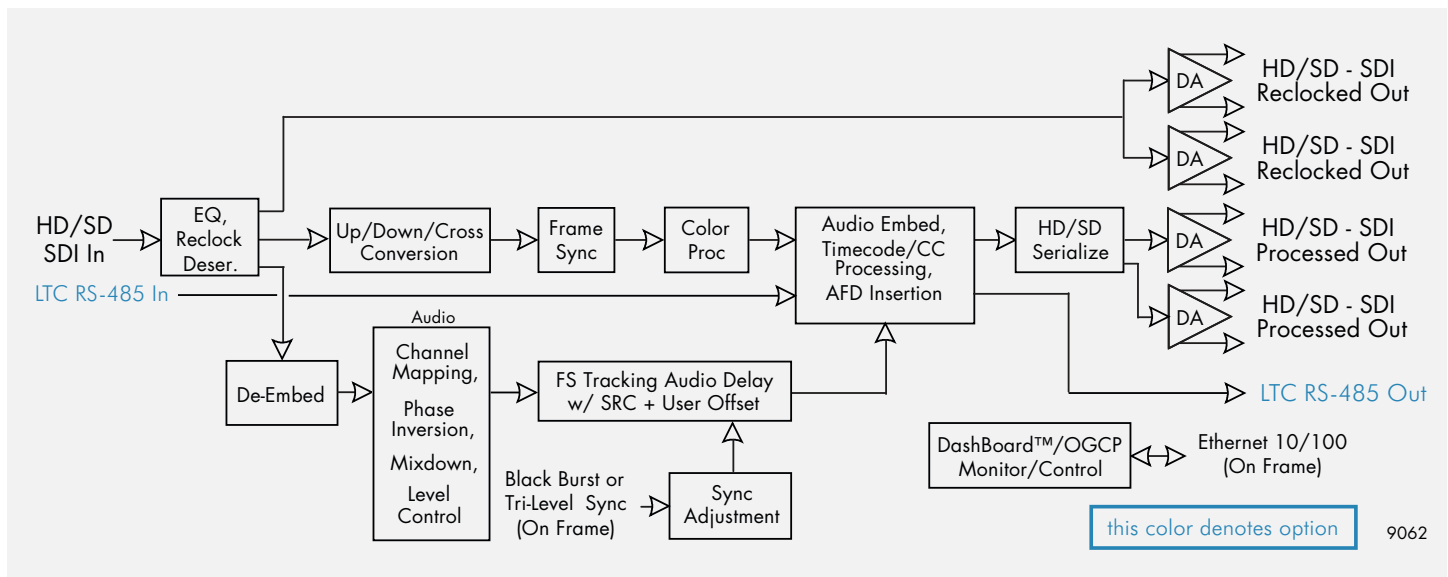


The 9062 offers full-feature HD/SD format conversion, an HD/SD-SDI input, video proc, embedded audio crosspoint and level control, and frame sync with video/audio offset.

The 9062 additionally provides AFD functions that detect the incoming AFD code, allow independent custom ARC to be applied for each incoming AFD code, and set the desired AFD code to be inserted on the output, even if there is no code detected on the input. Closed captions and timecode are preserved through up, down, and cross conversions. 708/608 CC data is extracted from the transport stream, converted to line 21 data on a down conversion, and inserted into the transport stream on an up conversion. The 9062 features full user remote and card-edge proc control with user memory that allows adjustment of white level, black level, color gain, color phase, audio levels, audio routing, frame sync, and many other controls. Factory presets enable a return to factory settings.

» FEATURES

HD/SD digital inputs	Frame sync with up to 13 frames of user adjustable delay	Audio channel mapping, downmixing, and level control	Detail enhancement and noise reduction
HD/SD closed captioning support and flexible timecode processing	Timecode insertion/conversion. +LTC option allows LTC input/output on shared port, with bi-directional conversion between VBI and LTC on RS-485 or embedded audio I/O.	3:2 pulldown and reverse 3:2 pulldown conversion	Five year warranty
Up, down, cross and aspect ratio conversion		16 user presets	
AFD code insertion/AFD ARC Control	Embedded audio offset adjustment for lip-sync alignment	Remote control/monitoring via DashBoard™ software or OGCP-9000 control panel	
Selectable safe action, safe title, and center cross overlays			



» ORDERING INFORMATION

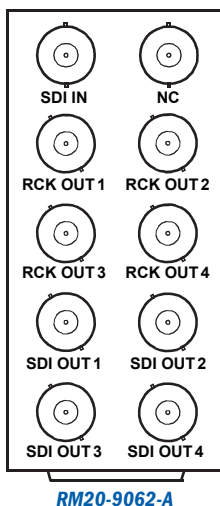
9062 Up/Down/Cross Converter with HD/SD-SDI Input, Embedded Audio, Frame Sync, Timecode and Closed Caption Support

RM20-9062-A 20-Slot Frame Rear I/O Module (Standard Width) HD/SD-SDI Input, 4 HD/SD-SDI Reclocked Outputs, 4 HD/SD-SDI Processed Outputs

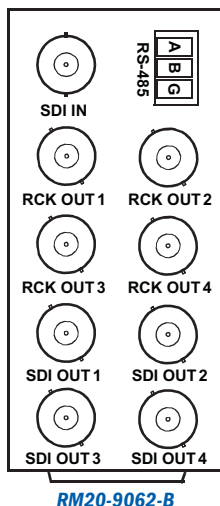
RM20-9062-B 20-Slot Frame Rear I/O Module (Standard Width) HD/SD-SDI Input, 4 HD/SD-SDI Reclocked Outputs, 4 HD/SD-SDI Processed Outputs, RS-485 LTC / Metadata I/O Port



9062



RM20-9062-A



RM20-9062-B

» FORMAT CONVERTERS	9061	9062	9064	9066	9067	9068	9821	9822
SDI Inputs	1	1	1	1	1	1	1	1
SDI Processed Outputs	2	4	4	2	4	4	4	4
SDI Input Copies	0	4	4	0	4	4	4	4
Analog Video Input	*			*				
Analog Video Output							*	
Analog Audio Input	*			*				
Analog Audio Output							*	
Remote Control & Monitoring	*	*	*	*	*	*	*	*
SNMP	*	*	*	*	*	*	*	*
AES Embedding	*			*				
AES De-Embedding	*			*				
Frame Sync	*	*	*	*	*			*
Up Conversion	*	*	*	*	*	*		
Down Conversion	*	*	*				*	*
Cross Conversion	*	*	*					
HD <-> SD Closed Captioning	*	*	*	*	*	*	*	*
HD <-> SD Timecode Conversion	*	*	*	*	*	*	*	*
HD <-> SD Emb Audio Conversion	*	*		*	*	*	*	*
Embedded Audio Delay	*	*		*	*			*
Adjustable Video Delay	*	*		*	*			*
AFD ARC Control	*	*	*	*	*	*		*
AFD Code Insertion	*	*	*	*	*	*		*
Audio Downmixing	*	*		*	*			*
Color Correction			*					

» SPECIFICATIONS

Electrical

Power: 18 watts

HD/SD-SDI Input

Number of Inputs: 1
Standard: SMPTE 292 and 259M
Return Loss: >15 dB at 5 MHz - 1.485 GHz

Reference Video Input

Number of Inputs: 2 looping (openGear® frame)
Standard: Tri-level sync (SMPTE 274) and black burst (NTSC and PAL)

Processing Delay

Minimum Frame Sync Delay: < 3 lines

HD/SD-SDI Output

Number of Outputs: 4 reclocked
4 processed
Standard: SMPTE 292 and 259M
Signal Level: 800 mV nominal
Return Loss: >15 dB at 5 MHz - 270 MHz
>12 dB at 270 MHz - 1.485 GHz
Jitter: HD: < 0.15 UI
SD: < 0.10 UI
Embedded Audio: 16-Ch SD/HD