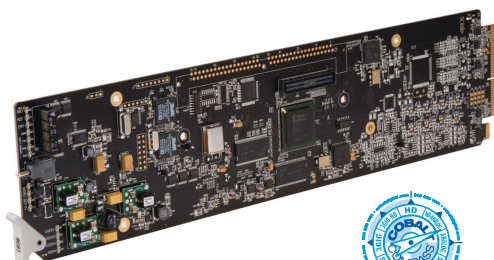


9081 » HD/SD FRAME SYNC with Embedded Audio Processing

OPTIONS

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



The 9081 is an HD/SD frame sync with tracking embedded audio delay. This allows seamless, glitch-free handling of embedded audio if a frame is dropped or duplicated. The 9081 also includes video proc, audio gain and routing controls, and test tone generators – all with user memory.

» FEATURES

Frame sync with up to 13 frames of user adjustable delay

HD/SD closed captioning support and flexible timecode processing

Audio channel mapping, downmixing, and level control

Video level controls

24-bit embedded audio processing

Dolby® Digital/E decoder option

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.

User offset to frame sync to align Dolby® delay

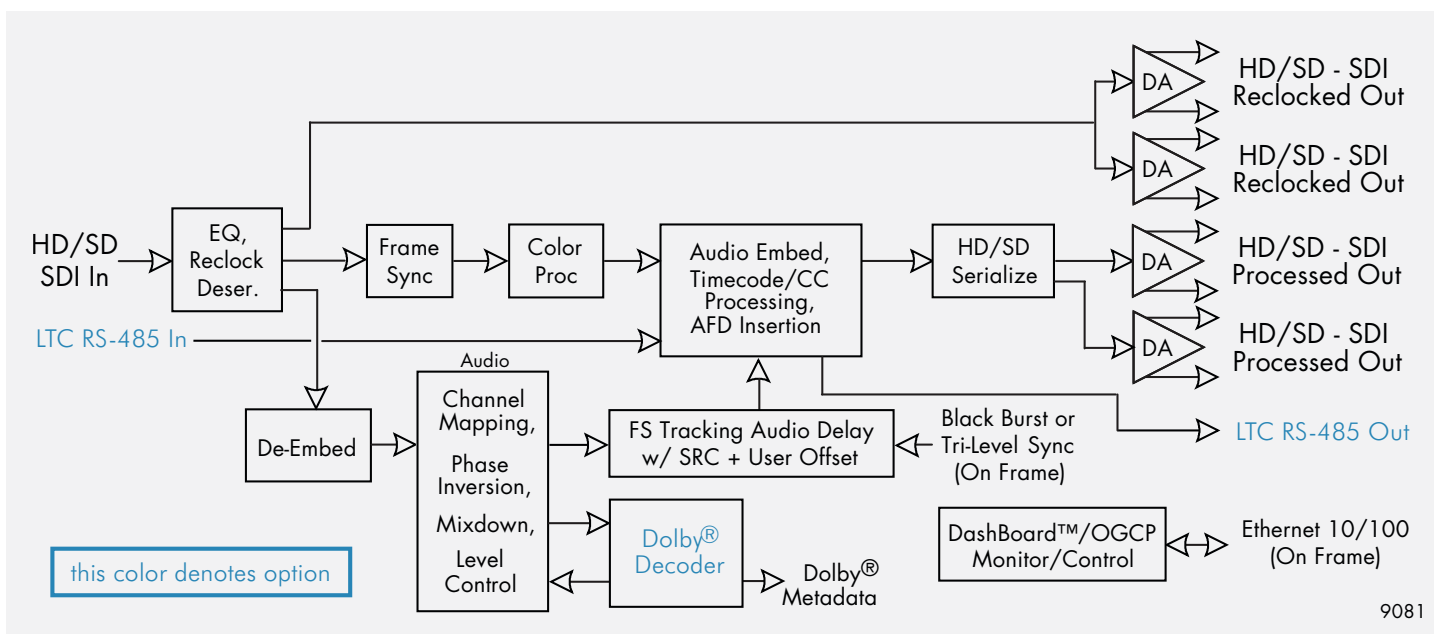
AFD code insertion

Local or remote user configuration and processing controls

Glitch free handling of embedded audio when a frame is dropped or duplicated
Four internal tone generators

Remote control/monitoring via DashBoard™ software or OGCP-9000 remote control panel

Five year warranty



9081

» ORDERING INFORMATION

9081 HD/SD Frame Sync with Input Reclocking and Glitchless Embedded Audio Support

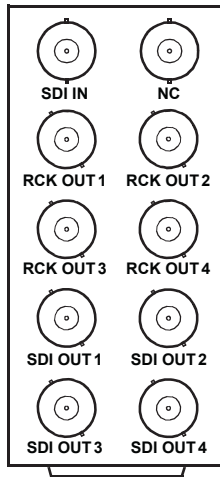
RM20-9081-A 20-Slot Frame Rear I/O Module (Standard Width) HD/SD-SDI Input, 4 HD/SD-SDI Reclocked Outputs, 4 HD/SD-SDI Processed Outputs

RM20-9081-A/S 20-Slot Frame Rear I/O Module (Split) Dual HD/SD-SDI Input, 2 HD/SD-SDI Reclocked Outputs per card, 2 HD/SD-SDI Processed Outputs per card

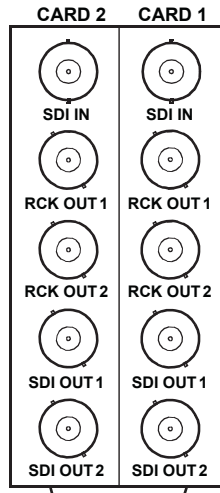
RM20-9081-B 20-Slot Frame Rear I/O Module (Standard Width) HD/SD-SDI Input, 4 HD/SD-SDI Reclocked Outputs, 4 HD/SD-SDI Processed Outputs, RS-485 LTC / Metadata I/O Port



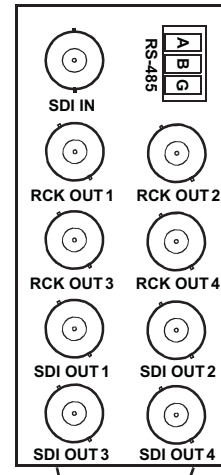
9081



RM20-9081-A



RM20-9081-A/S



RM20-9081-B

» SPECIFICATIONS

Electrical

Power: 9 watts
 Power (Dolby® +DEC Option): 11.5 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