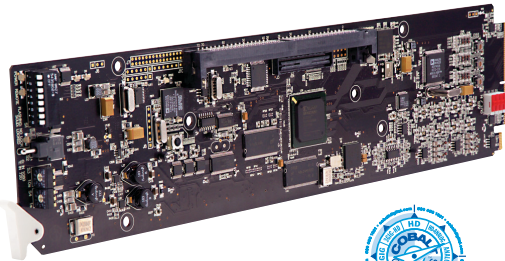


9032 » HD/SD 12-BIT ANALOG TO DIGITAL CONVERTER

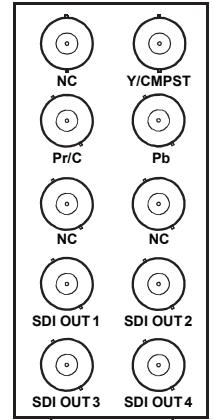
with Universal Inputs and Frame Sync

OPTIONS

9032-SD SD Only 12-bit Analog to Digital Video Converter with Frame Sync



The 9032 provides analog-to-SDI conversion for HD and SD sources, with 12-bit conversion bit depth. Also included is frame sync with user video/audio timing offset controls. The 9032 includes full proc control, frame sync controls, and AFD code insertion – all with user memory. Frame sync can be used to delay the video. Factory presets enable a return to factory settings.



RM20-9032-A

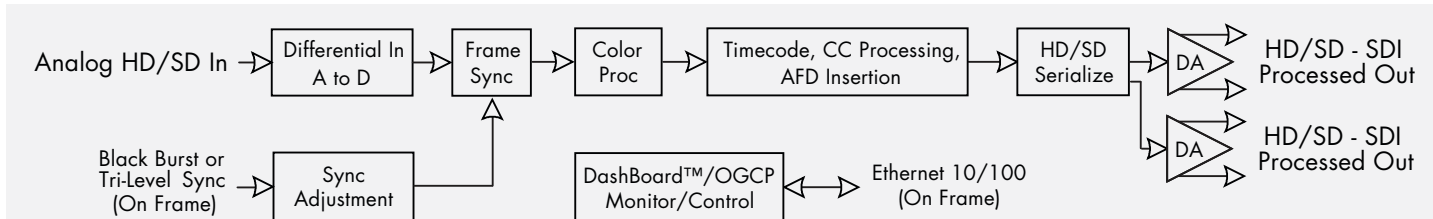
» FEATURES

HD/SD analog to SDI conversion
 HD/SD closed captioning support and flexible timecode processing
 Differential analog video inputs for power hum rejection

5-Line adaptive comb filter for SD-Composite mode AFD code insertion
 Frame sync with up to 13 frames of user adjustable delay

Video proc controls
 16 user presets

Remote control/monitoring via Dashboard™ software or OGCP-9000 control panel
 Five year warranty



9032

» SPECIFICATIONS

Electrical

Power: 10 watts

Analog Video Input

HD Standard: YPbPr or RGB SMPTE
 SD Standard: Composite, Y/C or Component (YPbPr BetaCam™, MII™ or SMPTE/N10)
 Impedance: 75 Ω

Reference Video Input

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

Processing

A/D Conversion: HD: 4:4:4 SD: 8:8:8
 Quantization: 12-bit A to D and 10-bit video data path
 SD Comb Filter: 5-line adaptive
 Freq. Response: HD: Y - 0-25 MHz +/- 0.3 dB
 HD: Pb, Pr 0-13.5 MHz +/- 0.3 dB
 SD: 5.2 MHz +/- 0.25 dB

Processing Delay

Minimum Frame Sync Delay: < 3 lines

HD/SD-SDI Output

Number of Outputs: 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

» ORDERING INFORMATION

9032 HD/SD 12-bit Analog to Digital Video Converter with Frame Sync

9032-SD SD Only 12-bit Analog to Digital Video Converter with Frame Sync

RM20-9032-A 20-Slot Frame Rear I/O Module (Standard Width) HD/SD Analog Inputs, 4 HD/SD-SDI Outputs

