



Upconverter with HD/SD-SDI Input, Timecode and Closed Caption Support

The FC068 is a converter specifically designed for SD-to-HD conversions. It provides SD-SDI input, video proc with video level controls.

The FC068 also 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 upconversions.

The FC068 provides full user remote and card-edge proc control (with user memory) that allows adjustment of gain, offset, saturation, hue, and many other controls. Factory presets enable a return to factory settings.

Features

- HD/SD digital inputs
- Up conversion and aspect ratio conversion
- AFD code insertion and AFD ARC control
- HD/SD closed captioning and timecode support
- Selectable safe action, safe title, and center cross overlays
- 16 user presets
- Remote control/monitoring via DashBoard™ software
- Detail enhancement and noise reduction
- Five year warranty

Ordering Information

FC068 Upconverter with HD/SD-SDI Input, Timecode and Closed Caption Support

RM-FC068-A Rear I/O Module (Single Slot) HD/SD-SDI Input, 4 SDI Reclocked Outputs, 4 SDI Processed Outputs

Specifications

Electrical

Power: 18 watts

HD/SD-SDI Input

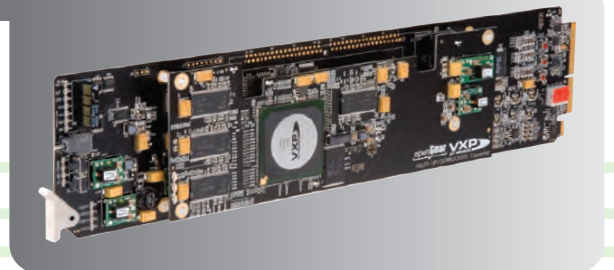
Number of Inputs: 1
Standard: SMPTE 292 and 259M
Return Loss: >15 dB at 5 MHz
- 1.485 GHz

Reference Video Input

Number of Inputs: 2 looping (openGear™ frame)
Standard: Tri-level sync (SMPTE 274) and Black Burst (NTSC and PAL)

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



MICHAEL STEVENS & PARTNERS LTD

INVICTA WORKS ELLIOTT ROAD, BROMLEY, KENT, BR2 9NT UK

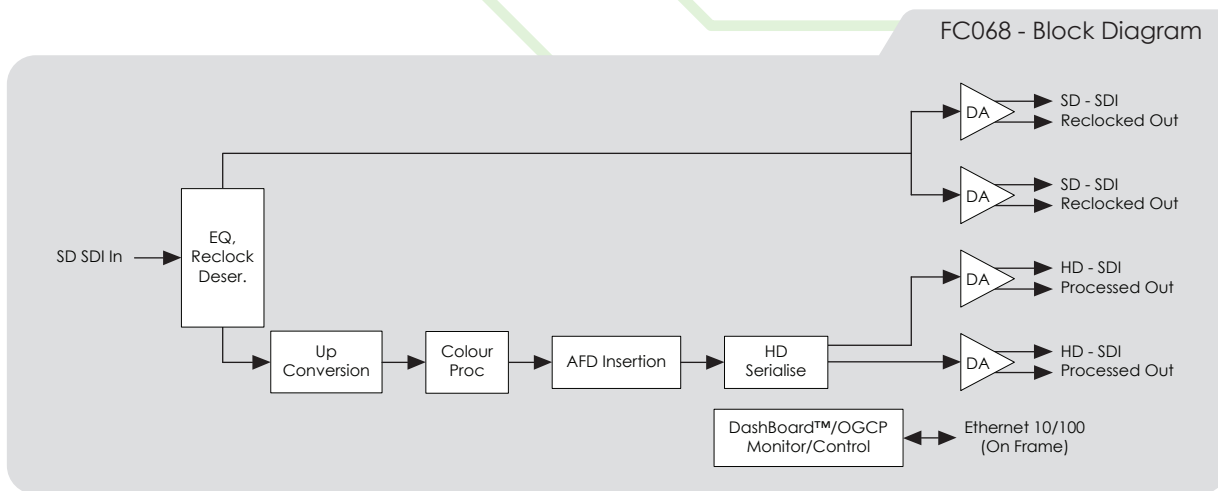
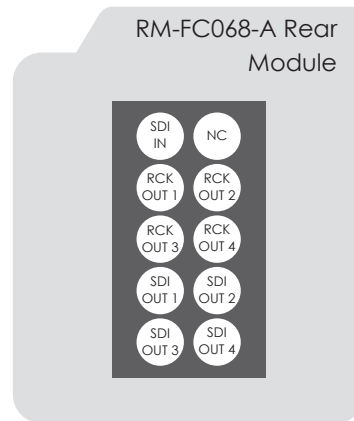
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Product Selection Guide

	FC061	FC062	FC064	FC066	FC067	FC068	FC821
HD/SD-SDI Inputs	1	1	1	1	1	1	1
HD/SD-SDI Processed Outputs	2	4	4	2	4	4	4
HD/SD-SDI Input Copies	0	4	4	0	4	4	4
Analogue Video Input	•			•			
Analogue Video Output							•
Analogue Audio Input	•			•			
HD Support	•	•	•	•	•	•	•
SD Support	•	•	•	•	•	•	•
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	•	•		•	•		
Colour Correction			•				



Features and specifications subject to change without notice



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