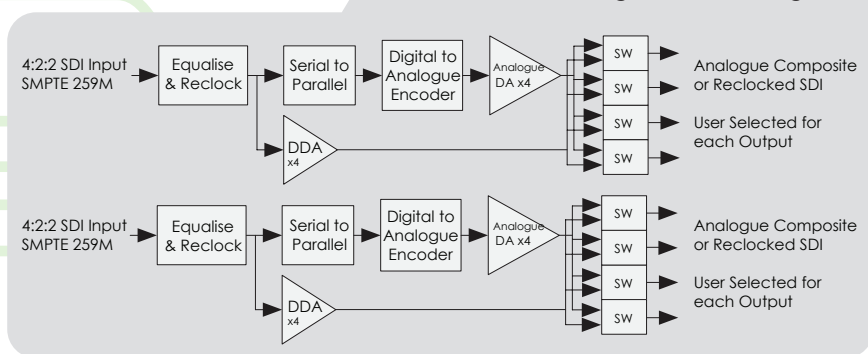


## Dual Monitoring Converter SDI to Analogue Composite with Reclocked SDI

The DC015 is a high performance dual SDI video to analogue composite and relocked SDI converter card used in openGear™ frames. The end user can select analogue or digital output configuration as needed for a given application. The DC015 has two digital to analogue encoders.

A and B SDI to analogue encoders. Each has four outputs that can be user configured analogue or relocked SDI on an output by output basis. Composite output gain control and user configurations are adjustable from the card edge.

DC011 SDI to Analogue - Block Diagram



Features and specifications subject to change without notice

## Digital to Analogue Converters Features

- Two conversions on one card (SDI-SMPTE 259M-C)
- Remote monitoring via PC (Including power and temperature)
- Four user selectable composite or SDI outputs per converter
- 8-bit data path, 10-bit DAC
- Automatic configuration NTSC/PAL
- Input signal presence indicator
- Built-in colour bar generator (Analogue outputs only)
- Video gain control accessible on card edge
- Four relocked SDI outputs
- Color encoding user selectable to B&W
- Data-lock indicator
- VBI blanking on/off
- Five year warranty

## Specifications

### Input

(2) 270 Mbit SMPTE 259M-C

### Output

8 outputs: 4 on A converter and 4 on B converter

### Digital Output

Up to 4 per converter, user selectable

### Analogue Output

Up to 4 per converter, user selectable

### Setup

User selectable on/off for NTSC

### Power

Positive rail 4.5 watts; negative rail 0.3 watts

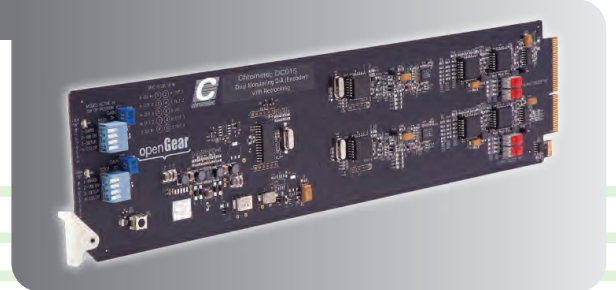
### Indicators

Two data lock indicators (one per converter)

### Size

12.75" x 3" (33mm x 7.5mm)

For use in openGear™ frames



RM-DC015-A Rear Con.

A SDI In	1	2	A Analogue or SDI Out
A Analogue or SDI Out	3	4	A Analogue or SDI Out
A Analogue or SDI Out	5	6	B Analogue or SDI Out
B Analogue or SDI Out	7	8	B Analogue or SDI Out
B SDI In	9	10	B Analogue or SDI Out

Rear Connections - BNC I/O



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