



**MONITORING  
COMPANY**

*Le spécialiste du monitoring vidéo & audio*

**BC-0301-10  
MARSHALL**

## 10 bit wide input SDI (ITU-R601) Digital to Analog Video (NTSC/PAL) conversion module with 12-bit signal processing

Marshall's cost effective BC-0301-10 digital to analog module can be configured for use in a variety of applications. The unit features to simultaneous Composite Video and S-Video D/A (10 bit) conversion. 4x over sampling provides superb analog images. There is also a built in Color Bar Generator, System indicator (PAL/NTSC) , and dipswitch settings for Pedestal (On/Off), UV Level Control (700ma/1000ma), Clamping Position (Front Porch/Back Porch), and Clamping Delay Position (Positive/Negative). All Marshall Electronics Processing and Distribution modules include power supply and owners manual. An optional base holder (V-CB1) is available for use in desktop applications.



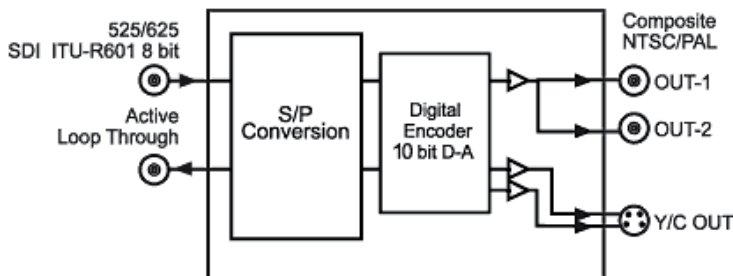
Front



Rear



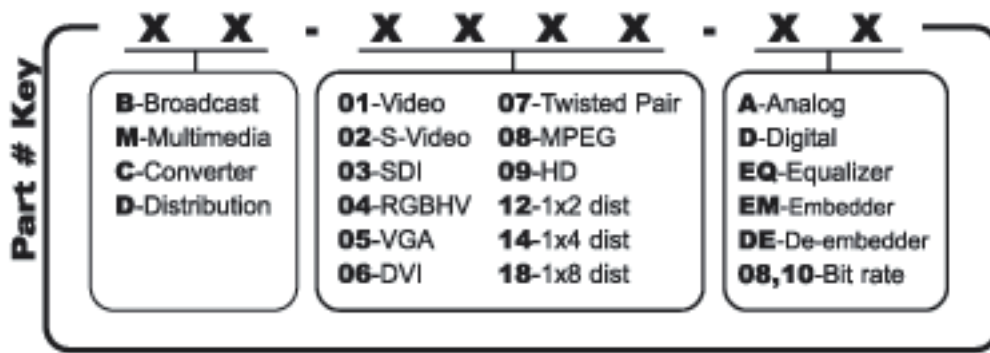
on V-CB1 Stand



- Converts component serial digital signal to analog composite
- Active loop through for SDI signal with re-clocking
- Automatic Compensation for SDI input for cable length up to 1000'
- Simultaneous outputs for 2 video and 1 Y/C (S-video)
- PAL/NTSC auto detection with led indicator
- Pedestal on/off selection for NTSC signals
- 10-bit processing with two-times over sampling
- Supports closed captioning
- Includes color bar generator
- Includes Power Supply

# Specifications

<b>Dimensions</b>	12.1cm x 9.5cm x 2.5cm
<b>Serial Digital Input</b>	SDI (SMPTE-259M-C, ITU-R601)
<b>Input Data Rate</b>	270 Mb/s
<b>Serial Digital Output</b>	BNC active loop through 0.8V p-p 75Ω
<b>Input Return Loss</b>	<15db
<b>Cable Length</b>	1000' max using Belden 8281 or equivalent
<b>Analog Output</b>	Simultaneous 2 Composite Video and 1Y/C outputs
<b>Sample Frequency</b>	27Mhz
<b>Power required</b>	6V D.C. supplied from external power supply (Included)
<b>Weight</b>	0.25kg



Monitoring Company au SATIS