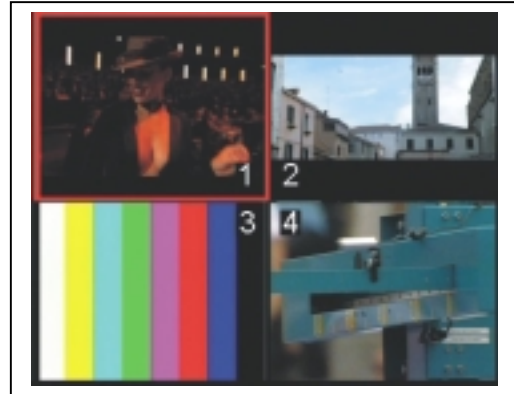


SVMV010 Multiviewer

BALBOX SDI Quad Screen Video Monitor



- Low cost, compact multiviewer
 - Quad screen / single channel display
 - Analogue and SDI outputs
 - Channel identification
 - On-air identification via GPI control
 - Genlock input
- Simple control of display selection
 - Universal mains powered stand-alone unit



The SVMV010 offers a low cost, compact solution to monitoring multiple serial digital video signals. The unit accepts four independent serial digital video signals and combines them into a quad display, thus reducing the number of monitors required from four to one. Each input can also be viewed in full screen mode.

The unit accepts both synchronous and asynchronous inputs. Outputs are synchronized to either a genlock input or SDI input 1, depending on the preference of the user.

The unit provides both serial digital video outputs and analogue component outputs.

To aid channel identification, simple channel idents are provided, which can be enabled/disabled by the user. There is also an on-air indicator, which is controlled via GPI (quad display only).

The SVMV010 is housed in a robust case designed to be free standing. The universal mains power is supplied via an IEC inlet.

SPECIFICATIONS – SVMV010

SIGNAL INPUTS

Input signals: 270 Mb/s serial digital video to SMPTE RP259M
Cable equalization: up to 130m of Belden 8281 coaxial cable or similar
Input connectors: BNC socket

SDI OUTPUTS

Number of outputs: 2
Output: 270 Mb/s serial digital video to SMPTE RP259M
Impedance: 75ohm
Output level: 800mV p-p +/-20mV across 75ohm termination

ANALOGUE VIDEO OUTPUTS

Parameter	Y / G	Pb / B	Pr / R
Resolution	10-bit	10-bit	10-bit
Amplitude	700mV \pm 1%	700mV \pm 1%	700mV \pm 1%
Noise	>75dB	>75dB	>75dB

CONTROL

Dip switches: SDI input 1 / Genlock synchronization
Idents on / Idents off
Local control / GPI control

Rotary controls: Position 0 – quad display mode
Position 1 – SDI input 1 full screen
Position 2 – SDI input 2 full screen
Position 3 – SDI input 3 full screen
Position 4 – SDI input 4 full screen
All other positions – N/A

INDICATORS

LED 1: Power
LED 2: Status

INSTALLATION DATA

Package: Standard BALBOX housing with 10 BNC signal connectors and one 9-way D-type socket for GPI control

Size: 184 x 103 x 42.4mm

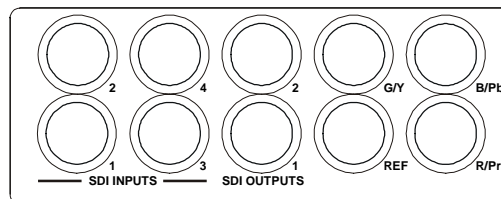
Weight: 950g.

Mains supply: 90-250 Vac

Consumption: <15VA

ORDER CODE
SVMV010

DESCRIPTION
BALBOX SDI Quad Screen Video Monitor



Rear Connectors