

# IRIS

*Up to 16 Channels SD Multiviewer  
HDMI Full HD and VGA multiview outputs  
SDI and Composite inputs  
Analog and Embedded audio  
Internal two SDI output switcher*



July 2012 Rev. AO

DATASHEET

## Video Inputs

SDI (BNC Connector) Up to 4 modules 4 Inputs each

Standards: ITU-R BT.601, SMPTE259M

Formats: 720x576i50, 720x480i59.94

CVBS (BNC Connector) Up to 4 modules 4 inputs each

Standards: ITU-R BT.601, ITU-R BT.470

Formats: 720x576i50 (PAL, SECAM), 720x480i59.94 (NTSC)

## Video Outputs (Internal switcher)

SDI (BNC Connector) \* 2

Standards: ITU-R BT.601, SMPTE259M

Formats: 720x576i50, 720x480i59.94

## Control

USB Host (USB-A Connector) 2 front + 2 rear

Standards: USB 1.1 FS

USB Device (USB-B Connector)

Standards: USB 1.1 FS

ETHERNET (RJ45 Connector)

Standards: 10/100Mbps IEEE802, TCP, UDP, IP

## Power

AC (IEC 60320 C14 Connector)

Standards: 85-265VAC 25Watts

DC (Optional)

Standards: 12VDC2A

## Audio Inputs

SDI Embedded (BNC Connector) Up to 4 modules 4 inputs each

Standards: SMPTE259M, SMPTE291M

Formats: 20 bits 48 kHz 16 channels

ANALOG (T-BLOCK Connector) Up to 4 modules 4 stereo inputs each

Balanced: OdBmW @ 600 Ohm = -18dB Full Scale Digital

Unbalanced: -10dBV = -18dB Full Scale Digital

## Multiview Output

HDMI (TYPE A19 pin Connector)

Standards: Hdmi1.3, EDID

1920x1080 50i, 59.94i, 60i, 25p, 29.97p, 30p

1280x720 50p, 59.94p, 60p

Formats: 720x576/50i, 720x480/59.94i

VESA standard PC monitor modes

RGB (HDB-15 Connector)

Standards: VESA, CEA-861

Formats: Standard PC monitor modes

## Features

Internal switcher

Flexible layouts

External GPI/TALLY modules (USB)

FPGA and firmware upgrade via internet (Ethernet connection)

Internal Test Signal Generator

Real Time Clock with internet sync

Fan control with temperature sensor