

Lo switcher permette di mixare ed applicare effetti ai segnali video provenienti da diversi ingressi mantenendo simultaneamente un monitoraggio su un unico monitor con multivisualizzazione.

## Caratteristiche tecniche

### Connessioni

- **ingressi video 8**
- **Ingressi video SDI** 4 x 10 bit SD/HD switchable
- **Ingresso video HDMI** 4 x HDMI 1.4a 10 bit SD/HD switchable
- **Ingressi video analogici** 1 x 10 Bit Component/S-Video/Composite. Component SD/HD switchable
- **Ingressi Audio** 2 Ch analog balanced XLR via breakout cable
- **Sync Input** Tri-Sync or black burst
- **Internal Frame Synchronizers** 8. All inputs
- **Uscite totali** 14
- **SDI Program Outputs** 1 x 10 bit SD/HD switchable
- **HDMI Program Outputs** 1 x HDMI 1.4a 10 bit, SD/HD switchable
- **Analog Program Outputs** 1 x Component SD/HD switchable and 1 permanently down converted composite NTSC/PAL output
- **Down Converted SDI Program Outputs** 1 x 10 bit SDI
- **Down Converted Composite Program Outputs** 1 x NTSC/PAL
- **SDI Preview Outputs** 1 x 10 bit SD/HD switchable
- **SDI Aux. Outputs** 3 x 10 bit SD/HD switchable
- **Computer Output** 1 x USB 3.0 from Aux. 1 output. Media Express for Windows included
- **Qty of Multi View's** 1
- **Outputs Per Multi-View** 1 x HD-SDI and 1 x HDMI
- **SDI Audio Outputs** 2 Ch embedded into SDI output
- **Analog Audio Outputs** 2 Ch balanced XLR via breakout cable
- **Control Panel Connection** Ethernet supports 10/100/1000 BaseT. Allows direct connection between panel and chassis, or via network.
- **Control Panel Included** ATEM Software Control Panel included free for Mac OS X and Windows.
- **Serial Communication Outputs** 1 x RS-422
- **Tally Outputs** Added via ethernet connection GPI and Tally Interface product. (not included)
- **GPI** Added via ethernet connection GPI and Tally Interface product. (not included)
- **Software Updates** Using USB connection directly connected to Mac OS X or Windows computers. Includes ATEM Switcher Utility.
- **Configuration** Set via ATEM Software Control Panel, excluding ATEM chassis IP address which is set via the ATEM Switcher Utility connected via USB to chassis.

### Processing

- **Colorspace Conversion** Hardware based real time.
- **Processing Delay** 1 Line
- **HD Down Conversion** Built in, high quality hardware down converter always outputs to SD-SDI and composite outputs when working in HD video formats. Component output can be switched between HD or SD. Selectable between letterbox, anamorphic 16:9 and center cut 4:3 styles.

## Standards

- **HD Format Support** 1080i50, 1080i59.94, 720p50, 720p59.94.
- **SD Format Support** 625/25 PAL, 525/29.97 NTSC.
- **SDI Compliance** SMPTE 259M, 292M.
- **Video Sampling** 4:2:2 10 bit
- **Color Precision** 4:2:2 10 bit
- **Color Space** 4:2:2 YUV

## Media Player

- **Media Players** 2
- **Channels** 2x for fill and key
- **Media Pool Still Image Capacity** 32 with fill and key
- **Media Pool Clip Capacity** 2 with fill and key
- **Maximum Clip Length in 1080i** 180 Frames
- **Maximum Clip Length in 720p** 360 Frames
- **Maximum Clip Length in NTSC/PAL** 900 Frames
- **Media Pool Still Image Format** PNG, TGA, BMP, GIF, JPEG and TIFF
- **Media Pool Video File Format** QuickTime and AVI
- **Media Pool Audio File Format** WAV, MP3, AIFF

## Multi View Monitoring

- **Number of Windows** 1 x 10
- **Routable Windows** 8
- **Tally Red** for program and green for preview indication
- **Window Source Labels** Yes

## Computer Resolutions

- **HDMI Input Resolutions for Computers** 720 x 480 59.94Hz, 720 x 576 50Hz, 1280 x 720 59.94Hz 50Hz and 1920 x 1080 59.94Hz 50Hz

## Extra

- **Total Qty of Keyers** 7
- **Upstream Keyers** 4
- **Downstream Keyers** 2
- **Linear/Luma Keyers** 7
- **Chroma Keyers** 4
- **Pattern Generators** 5
- **Color Generators** 2
- **Transition Keyer (Stinger/DVE)** 1
- **DVE with 3D Borders & Drop Shadow** 1