DMON-6S

1 to 6 Channel Multi-Viewer
with SDI and HDMI OUTPUTS for 3G/HD/SD
and Custom Layouts

PRODUCT FEATURES

- Low cost (3G/HD/SD)-SDI 1 to 6 Multi-Viewer or 6 to 1 input multiplexer
- Custom Layouts with various standard layouts
- Fast switching between inputs using Full-Screen scaling
- Selectable output format in both Full-Screen Multi-viewer mode
- Low latency buffering for each input allowing non-synchronous inputs
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 6 x (3G/HD/SD)-SDI inputs with auto detection (26 Formats supported in total)
- 6 x (3G/HD/SD)-SDI active loop copies of each input
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously
- Variable aspect ratios per quadrant
- In Pass-Through mode the selected input is passed through to both the (3G/HD/SD)-SDI and HDMI outputs
- The DMON-6S is a truly portable converter, that incorporates our new easy to use LCD and button control system. This gives you easy access to most of the amazing features without using complicated LED/button control, dip switches or having to carry around a computer to change a simple setting.
- This unit also includes:
    - 32 GPI on 37-pin DSUB for Dynamic Tallies
    - RS422/485 on 37-pin DSUB for Dynamic Tallies
    - USB port for control and firmware updates
    - Robust Aluminium box
    - Metal Thread Locking DC Power Socket
    - Power Supply, HDMI Cable and USB Cable

SPECIFICATIONS

SDI INPUT & OUTPUT FORMATS	3G:SMPTE 424M@2.97 and 2.967Gb/s • 1080p@60/59.94/50Hz HD:SMPTE 292M/274M/296M@1.485 and 1.435Gb/s • 1080i@60/59.94/50Hz • 1080p/psf@30/29.97/25/24/23.98Hz • 720p@60/59.94/50/30/29.97/25/24/23.98Hz SD:SMPTE 259M@270Mb/s • 625i50 • 525i59.94	**LCD / BUTTON MENU OPTIONS**	• HDMI output type • Output Select • Multi-Viewer Output Format • Multi-Viewer Number of Windows • Multi-Viewer Layout • Multi-Viewer Audio Source • Multi-Viewer Reference • Full Screen is Scaled • Input Routing • GPI mode • Setup
HDMI OUTPUT FORMATS	• 1080p@60/59.94/50Hz • 1080i@60/59.94/50Hz • 1080p@30/29.97/25/24/23.98Hz • 720p@60/59.94/50/30/29.97/25 • 625i50 / 525i59.94	**INPUTS**	• 6 x (3G/HD/SD)-SDI • Input Equalization > 100M using Belden 1694A • USB for control and updates
LED STATUS	• Power • 6 x Signal lock and rate	**OUTPUTS**	• 6 x SDI (3G/HD/SD)-SDI Active Loop-throughs • 2 x SDI (3G/HD/SD)-SDI • HDMI Type A
POWER	• +5V to +32V DC • Positive Centre Pin	**DIMENSIONS**	220mm x 103.7mm x 29.5mm (8.7" x 4.1" x 1.2")

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