**PRODUCT FEATURES**

- Low cost miniature (3G/HD/SD)-SDI 1 to 16 Multi-Viewer or 16 to 1 input multiplexer
- Custom Layouts with various standard layouts
- 16 Character UMD overlay per window with individual enables, custom positioning and size
- 8 Channel Audio Metering overlay per window with individual enables, custom positioning and size
- Safe Action and Safe Title overlay per window with individual enables and adjustment
- Centre Cross overlay per window with individual enable
- Audio ID overlay
- Tallies can be applied to either Tally Boxes (Default), Outside Safe Action Area or Border
- Tally boxes allows for up to 4 Tallies per window
- Fast switching between inputs using Full-Screen scaling
- Selectable output format in both Full-Screen and Multi-Viewer mode
- Low latency buffering for each input allowing non-synchronous inputs
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 16 x (3G/HD/SD)-SDI inputs with auto detection (26 Formats supported in total)
- Each window is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously
- Variable aspect ratios per window
- In Pass-Through mode the selected input is passed through to both the (3G/HD/SD)-SDI and HDMI outputs
- The DMON-16S 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 D-SUB for Tallies and Remote Switching
  - RS422/485 on 37-pin D-SUB for Dynamic UMD and Tallies using TSL protocol
  - USB port for control and firmware updates
  - Robust Aluminium box
  - Metal Thread Locking DC Power Socket
  - Power Supply, HDMI Cable and USB Cable

**SPECIFICATIONS**

<table>
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<tr>
<th>SDI INPUT &amp; OUTPUT FORMATS</th>
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| 3G:SDMPE 424M@2.97 and 2.967Gb/s | • 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 | • 16 x (3G/HD/SD)-SDI  
  • Input Equalization > 100M using Belden 1694A  
  • USB for control and updates | • HDMI Type A  
  • 1 x SDI (3G/HD/SD)-SDI |
| 1080p@60/59.94/50Hz  
  HD:SDMPE 292M/274M/296M@1.485 and 1.435Gb/s  
  1080i@60/59.94/50Hz  
  1080p@59.94/50Hz  
  720p@59.94/50/30/29.97/25/24/23.98Hz  
  SD:SDMPE 259M@270Mb/s  
  625/50  
  525/59.94 | | |
| HDMI OUTPUT FORMATS | | | |
| 1080p@60/59.94/50Hz  
  HD:SDMPE 292M/274M/296M@1.485 and 1.435Gb/s  
  1080i@60/59.94/50Hz  
  1080p@59.94/50Hz  
  720p@59.94/50/30/29.97/25/24/23.98Hz  
  SD:SDMPE 259M@270Mb/s  
  625/50  
  525/59.94 | | | |
| POWER | | | |
| +5V to +32V DC  
  Positive Centre Pin | | | |
| DIMENSIONS | | | |
| 220mm x 103.7mm x 29.5mm (8.7” x 4.1” x 1.2”) | | | |
| DISTRIBUTED BY: | | | |