

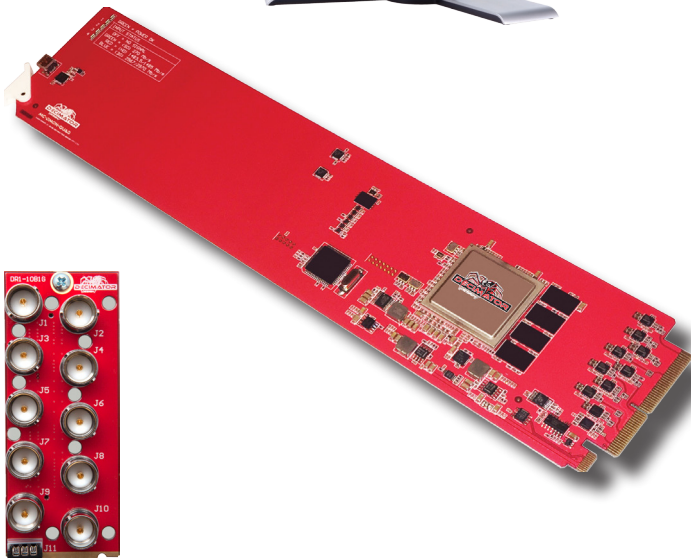
# MC-DMON-QUAD

1 to 4 Channel (3G/HD/SD)-SDI MultiViewer  
with Custom Layouts,  
UMDs, Audio Meters and Tallies

## PRODUCT FEATURES



- Supports 3G level A and B on inputs and output, allowing conversion between 3G level A and B
- Low cost miniature (3G/HD/SD)-SDI 1 to 4 MultiViewer or 4 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
- Audio ID overlay
- 3 pin connector on the DR1-10B1G rear module allows for Dynamic UMD and Tallies via RS422/485 using the industry standard TSL protocol
- Tallies can be applied to either Tally Boxes (Default) 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 MultiViewer mode
- Low latency buffering for each input allowing non-synchronous inputs
- 4 x (3G/HD/SD)-SDI inputs with auto detection (29 Formats supported in total)
- 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 outputs
- USB Mini B port for control and firmware updates
- Supports openGear DashBoard for control
- The DR1-10B1G rear is sold separately and has 10 BNC connectors and a 3 pin connector for RS422/485.



(DR1-10B1G rear sold separately)

## SPECIFICATIONS

<b>SDI INPUT &amp; OUTPUT FORMATS</b>	<p>3G:SMPTE 424M@2.97 and 2.967Gb/s</p> <ul style="list-style-type: none"> <li>• 1080p@60/59.94/50Hz</li> </ul> <p>HD:SMPTE 292M/274M/296M@1.485 and 1.435Gb/s</p> <ul style="list-style-type: none"> <li>• 1080i@60/59.94/50Hz</li> <li>• 1080p/psf@30/29.97/25/24/23.98Hz</li> <li>• 720p@60/59.94/50/30/29.97/25/24/23.98Hz</li> </ul> <p>SD:SMPTE 259M@270Mb/s</p> <ul style="list-style-type: none"> <li>• 625i50 (PAL)</li> <li>• 525i59.94 (NTSC)</li> </ul>	<b>INPUTS</b>	<ul style="list-style-type: none"> <li>• 4 x (3G/HD/SD)-SDI</li> <li>• USB Mini B for control and updates</li> <li>• 3-pin connector for UMD and Tallies via RS422/485</li> </ul>
<b>LED STATUS</b>	<ul style="list-style-type: none"> <li>• Power / Update</li> <li>• 4 x Signal lock and rate</li> </ul>	<b>OUTPUTS</b>	<ul style="list-style-type: none"> <li>• 1 x SDI (3G/HD/SD)-SDI</li> </ul>
<b>POWER</b>	TBA		

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