

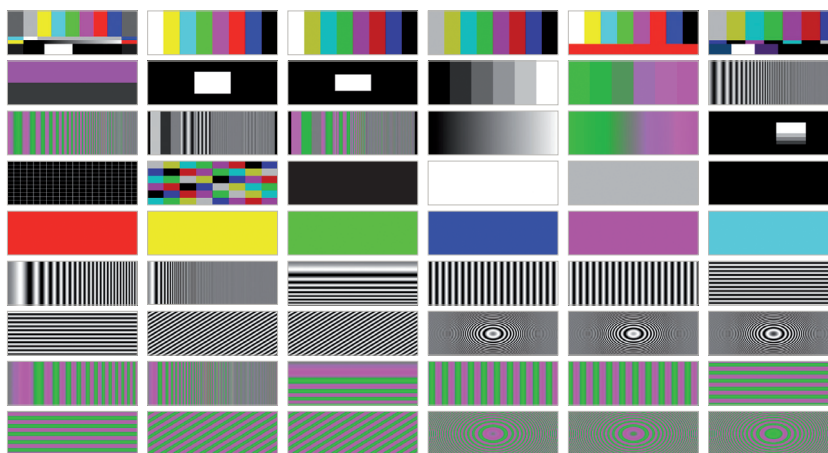


# MD-CROSS

MINIATURE (3G/HD/SD)-SDI / HDMI CROSS CONVERTER  
with Scaling and Frame Rate Conversion

## PRODUCT FEATURES

- Features the following four modes:
  1. HDMI to SDI while simultaneously converting SDI to HDMI
  2. HDMI to HDMI while simultaneously converting SDI to SDI
  3. HDMI to SDI and HDMI
  4. SDI to SDI and HDMI
- Professional 3G/HD/SD Test Pattern Generator featuring:
  - 26 Selectable Output Formats
  - 54 Test Patterns including Luma and Chroma Zone-plates
- Includes the same Down Up Cross Converter from our multi-award winning MD-DUCC, allowing either the HDMI or SDI input to be scaled and/or frame rate converted to the required standard.
- The MD-CROSS is a truly portable converter, that incorporates a new easy to use LCD and button control system. This gives you easy access to all of the amazing features that have been unavailable without a computer until now. The days of having to play with annoying dip switches or having to carry around a computer to change a simple setting are gone.
- This unit also includes:
  - (3G/HD/SD)-SDI Active Loop-Through Output
  - Full 16-Channel Audio Metering Overlays
  - Adjustable Safe Title and Safe Action Overlays and static Center Cross
  - Text Overlays
  - USB port for control and firmware updates
  - New Metal Thread Locking DC Power Socket
  - Power Supply, HDMI Cable and USB Cable



## SPECIFICATIONS

<b>SDI FORMATS</b>	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	<b>LCD / BUTTON MENU OPTIONS</b>	<ul style="list-style-type: none"> <li>• SDI output source from HDMI IN, SDI IN, TPG or Scaler</li> <li>• HDMI output type and source from HDMI IN, SDI IN, TPG or Scaler</li> <li>• Scaler source, format and Aspect Controls</li> <li>• Full control for Audio Meter Overlays</li> <li>• Full control for Safe Action, Safe Title and Centre Cross Overlays</li> <li>• Full control for Text Overlays</li> <li>• Full control for Format Status Overlays</li> </ul>
<b>INPUTS</b>	<ul style="list-style-type: none"> <li>• HDMI</li> <li>• (3G/HD/SD)-SDI 10-bit</li> <li>• Conditional Maximum Equalization cable length of 400M for SDI, 200M for HD-SDI and 100M 3G-SDI using Belden 1694A</li> </ul>	<b>OUTPUTS</b>	<ul style="list-style-type: none"> <li>• HDMI</li> <li>• 1 x (3G/HD/SD)-SDI Active Loop-Through</li> <li>• 2 x (3G/HD/SD)-SDI 10-bit Outputs</li> </ul>
<b>POWER</b>	<ul style="list-style-type: none"> <li>• +5V to +32V DC</li> <li>• Positive Centre Pin</li> </ul>	<b>DIMENSIONS</b>	79.5mm x 123mm x 29.5mm (3.1" x 4.8" x 1.2")

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