MD-HX

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

PRODUCT FEATURES

- Robust Aluminium Case
- Features the following 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
- Supports 3G Level A and B and allowing for conversion between both.
- 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.
- Horizontal and/or vertical flipping via the scaler.
- Includes 4 x (3G/HD/SD)-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier. Output pair 1 can either be a copy of the SDI input (default) or the same as pair 2.
- The audio pairs in the SDI and HDMI outputs can be rearranged as required.
- The MD-HX is a truly portable converter, that incorporates our easy to use LCD and button control system.
- This unit also includes:
  - USB port for control and firmware updates
  - Metal Thread Locking DC Power Socket
  - Power Supply, HDMI Cable and USB Cable

SPECIFICATIONS

SDI FORMATS	3G-A or 3G-B: 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 (PAL) • 525i59.94 (NTSC)	**LCD / BUTTON MENU OPTIONS**	• SDI output source from HDMI IN, SDI IN or Scaler • SDI output 1 is loop • HDMI output type and source from HDMI IN, SDI IN or Scaler • Scaler source, reference, format and Aspect Controls • Audio pair routing for HDMI and SDI output • LCD backlight off time • Back to Status time
HDMI FORMATS	• 1080p@60/59.94/50/30/29.97/25/24/23.98Hz • 1080i@60/59.94/50Hz • 720p@60/59.94/50/30/29.97/25 • 625i50 (PAL) • 525i59.94 (NTSC)	**INPUTS**	• 1 x HDMI Type A • 1 x (3G/HD/SD)-SDI
POWER	• +5V to +32V DC • Positive Centre Pin	**OUTPUTS**	• 1 x HDMI Type A • 2 x (3G/HD/SD)-SDI Active Loop-through or addition outputs • 2 x (3G/HD/SD)-SDI
DIMENSIONS	79.5mm x 123mm x 29.5mm (3.1" x 4.8" x 1.2")		