KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

VP-470

3G HD−SDI ProScale™ Digital Scaler

The VP−470 is a high−performance digital scaler for 3G HD−SDI signals. It up− or down−scales the incoming SDI signal to resolutions up to 1080p and routes it to two identical SDI outputs.

FEATURES

- Max. Data Rate - 3Gbps.
- HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M), HD−SDI (SMPTE 292M) and 3G HD−SDI (SMPTE 424M).
- Looping Input - Reclocked and equalized.
- Selectable Output Size & Aspect Ratio - Full, panscan, letterbox, underscan and overscan settings.
- Built-In ProcAmp Features - Color hue, sharpness, contrast and brightness.
- Freeze Button.
- Non-Volatile Memory - Saves final settings.
- USB Port - For firmware upgrade.
- Controls - Front panel buttons with OSD (on screen display).
- Compact MegaTOOLS™ - 2 units can be rack mounted side−by−side in a 1U rack space with the optional RK−T2B universal rack adapter.

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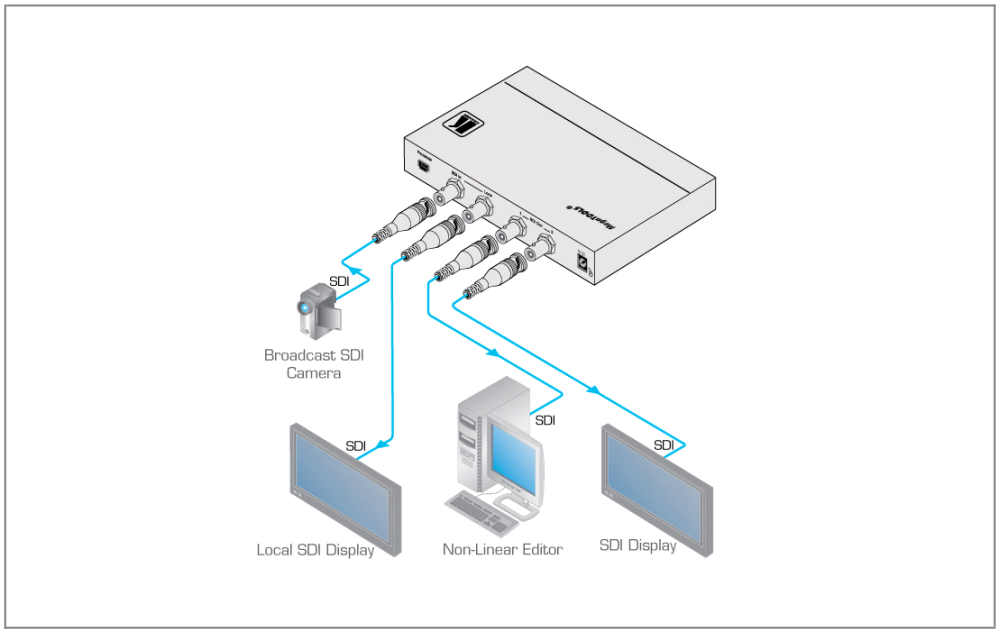
TECHNICAL SPECIFICATIONS

INPUT:	1 SD/HD/3G HD−SDI with reclocked and equalized loop on a BNC connector.
OUTPUTS:	2 SD/HD/3G HD−SDI on BNC connectors.
INPUT RESOLUTIONS:	SDTV: 480i @59.94Hz, 576i @50Hz; HDTV: 720p @50/59.94/60Hz, 1080i @50/59.94/60Hz, 1080p @23.98/24/25/29.97/30Hz, 1080sF @23.98/24/25/29.97/30Hz; 3G: 1080p @50/59.94/60. 1080sF @23.98/24 inputs don't support 480i/576i output for 1080sF25/29.97/30 inputs, the OSD info. shows 1080i50/59.94/60.
OUTPUT RESOLUTIONS :	SDTV: 480i @59Hz, 576i @50Hz; HDTV: 720p @50/59.94/60Hz, 1080i @50/59.94/60Hz, 1080p @23.98/24/25/29.97/30Hz; 3G: 1080p @50/59.94/60Hz.
OUTPUT SIZE:	Full, panscan, letterbox, underscan, overscan.
PROCESSING DELAY:	30ms.
CONTROLS:	Menu, OSD, Reset to 1080p or 720p and Freeze front panel buttons.
POWER CONSUMPTION:	5V DC, 440mA.
DIMENSIONS:	18.8cm x 11.4cm x 2.4cm (7.4” x 4.5” x 1”) W, D, H.
WEIGHT:	0.75kg (1.7lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK−T2B 19" rack adapter.