KRAMER

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), HDSDI (SMPTE 292M) and 3G HDSDI (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 sidebyside in a 1U rack space with the optional RKT2B universal rack adapter

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TECHNICAL SPECIFICATIONS

INPUT:	1 SD/HD/3G HDSDI with reclocked and equalized loop on a BNC connector
OUTPUTS:	2 SD/HD/3G HDSDI 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
PRODUCT DIMENSION:	21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72") W, D, H
PRODUCT WEIGHT:	0.4kg (1.0lbs) approx
SHIPPING DIMENSION:	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83") W, D, H
SHIPPING WEIGHT:	0.9kg (2.0lbs) approx
INCLUDED ACCESSORIES:	Power supply
OPTIONS:	RKT2B 19" rack adapter

Broadcast SDI
Camera

SDI

Local SDI Display

Non-Linear Editor

SDI Display

SDI

SDI

SDI