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 recommended rack adapter
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

INCLUDED ACCESSORIES: Power supply

Product Dimensions: 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 Dimensions: 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