



## VP-426

HDMI/Computer Graphics Video & HDTV ProScale™ Digital Scaler

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The VP-426 is a high-performance digital scaler for computer graphics/HDTV and HDMI signals. The unit up- or down-scales computer graphics and HDTV signals to resolutions of up to WUXGA and 1080p.

### FEATURES

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- Inputs - RGBHV, YPbPr or HDMI.
- Outputs - RGBHV and HDMI simultaneously.
- HDTV Compatible.
- HDCP Compliant.
- Input Auto-Scanning.
- EDID Capture - Copies and stores the EDID from a display device.
- Analog/Embedded Audio Support.
- Built-In ProcAmp - Color, hue, sharpness, contrast, and brightness controls.
- Control - Front panel, OSD (on screen display), contact closure.
- Non-Volatile Memory - Saves final settings.
- Freeze Button.
- Contact Closure - For remote switching of sources.
- USB Port - For upgrading firmware.

## TECHNICAL SPECIFICATIONS

INPUTS:	1 PC/HD (RGBHV/YPbPr) on a 15-pin HD connector, 1 HDMI connector, 2 unbalanced stereo audio connectors on 3.5mm mini jacks.
OUTPUTS:	1 PC (RGBHV) on a 15-pin HD connector, 1 HDMI connector, 1 unbalanced stereo audio connector on a 3.5mm mini jack.
INPUT RESOLUTIONS:	<p>Component: 480i, 576i, 480p, 576p, 720p@60Hz, 720p@50Hz, 1080i@60Hz, 1080i@50Hz, 1080p@60Hz, 1080p@50Hz, 1080p@24Hz, 1080p@25Hz, 1080p@30Hz.</p> <p>PC: VGA@60Hz, VGA@67Hz, VGA@72Hz, VGA@75Hz, VGA@85Hz, SVGA@56Hz, SVGA@60Hz, SVGA@72Hz, SVGA@75Hz, XGA@60Hz, XGA@70Hz, XGA@75Hz, SXGA@60Hz, SXGA@75Hz, 1280X960@60Hz, 1280X720@60Hz, 1920X1080@60Hz, 1600X1200@60Hz (UXGA), 1280x800@60Hz (WXGA), 1440x900@60Hz (WXGA+), 1366x768@60Hz (WXGA), 1400x1050@60Hz (SXGA+), 1680x1050@60Hz RB (WSXGA), 1920x1200@60Hz RB (WUXGA).</p> <p>HDMI: 480i, 576i, 480p, 576p, 720p@60Hz, 720p@50Hz, 1080i@60Hz, 1080i@50Hz, 1080p@60Hz, 1080p@50Hz, 1080p@24Hz, 1080p@25Hz, 1080p@30Hz, VGA@60Hz, VGA@67Hz, VGA@72Hz, VGA@75Hz, VGA@85Hz, SVGA@56Hz, SVGA@60Hz, SVGA@72Hz, SVGA@75Hz, XGA@60Hz, XGA@70Hz, XGA@75Hz, SXGA@60Hz, SXGA@75Hz, 1280X960@60Hz, 1280X720@60Hz, 1920X1080@60Hz, 1600X1200@60Hz (UXGA), 1280x800@60Hz (WXGA), 1440x900@60Hz (WXGA+), 1366x768@60Hz (WXGA), 1400x1050@60Hz (SXGA+), 1600X900@60Hz RB, 1680x1050@60Hz RB (WSXGA), 1920x1200@60Hz RB (WUXGA).</p>
OUTPUT RESOLUTIONS:	NATIVE, 480i, 480p, 720p@60Hz, 1080i@60Hz, 1080p@60Hz, 576i, 576p, 720p@50Hz, 1080i@50Hz, 1080p@50Hz, 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1366x768, 1680x1050, 1920x1200, 1280x800, 1440x900, 1400x1050, 1600x900.
OUTPUT REFRESH RATE:	60Hz for computer graphics resolutions, 50/60Hz for HDTV resolutions.
VIDEO LATENCY:	Progressive input: 30ms (approx.); interlaced input: 50ms (approx.).
CONTROLS:	Front panel buttons, 1 remote contact closure on a 3-pin terminal block connector, 1 USB for programming.
INDICATORS:	ON, HDMI and PC LEDs.
POWER CONSUMPTION:	5V DC, 1.1A.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-T2B 19" rack adapter.
PRODUCT DIMENSIONS:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00" ) W, D, H
PRODUCT WEIGHT:	0.5kg (1.0lbs) approx.
SHIPPING DIMENSIONS:	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05" ) W, D, H
SHIPPING WEIGHT:	1.0kg (2.1lbs) approx.