



## VP-426H2

4K60 4:4:4 HDCP 2.2 HDMI 2.0 / VGA Scaler



VP-426H2 is a high-performance digital scaler for HDMI and computer graphics/HDTV signals. The unit up- or down-scales computer graphics and HDTV signals to resolutions up to 4Kx2K. 28 output resolutions and native are supported. The user selects the computer graphics/HDTV or HDMI input and the scaled output is sent to both the computer graphics and HDMI outputs.

### FEATURES

- Max. Resolution - 4K@60Hz (4:4:4).
- Standards Compliance - HDMI 2.0, HDCP 2.2/1.4.
- EDID Handling - Reading and storage of acceptor's EDID.
- Inputs - VGA (RGBHV), Component (YPrPr) or HDMI.
- Outputs - Simultaneous RGBHV and HDMI.
- Input Auto-Scanning.
- Constant Sync - Maintains sync on the output, even if input video signal is lost or interrupted.
- Analog/Embedded Audio Support - For inputs and outputs.
- Built-in ProcAmp - For convenient signal adjustment.
- On-Screen Display (OSD) - For easy setup and adjustment, accessible via the front-panel buttons.
- Non-Volatile Memory - Retains last settings used.
- Freeze Button.
- Contact Closure - For remote switching of sources.
- USB Port - For upgrading firmware.

**TECHNICAL SPECIFICATIONS**

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**INPUTS**

1 PC/HD (RGBHV/YPBPR):	on a 15-pin HD connector
1 HDMI:	on a female HDMI connector
2 UNBALANCED STEREO AUDIO CONNECTORS:	on 3.5mm mini jacks

**OUTPUTS**

1 PC (RGBHV):	on a 15-pin HD connector
1 HDMI:	on a female HDMI connector
1 UNBALANCED STEREO AUDIO:	on a 3.5mm mini jack

**VIDEO**

OUTPUT RESOLUTIONS: FOR THE HDMI AND VGA OUTPUTS:	640x480@60Hz, 800x600@60Hz 1024x768@60Hz, 1280x768@60Hz, 1360x768@60Hz, 1280x800@60Hz, 1280x1024@60Hz, 1440x900@60Hz, 1400x1050@60Hz, 1680x1050@60Hz, 1600x1200@60Hz, 1920x1200 RB@60Hz
FOR THE HDMI OUTPUT ONLY:	480P@60Hz, 576P@50Hz, 720P@50/60Hz, 1080P@24/25/30/50/60Hz, 4k2k@24/25/30/50/60Hz, 4k2k (4:2:0)@50/60Hz
OUTPUT REFRESH RATE:	60Hz for computer graphics resolutions, 50/60Hz for HDTV resolutions
LATENCY:	Progressive input: 30ms (approx.), interlaced input: 50ms (approx.)

**ANALOG AUDIO**

SAMPLING RATE:	44.1kHz, 48kHz for analog audio output
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**POWER**

SOURCE	5V DC
CONSUMPTION:	1.2A

**USER INTERFACE**

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

**ENVIRONMENTAL CONDITIONS**

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

**ACCESSORIES**

INCLUDED:	Power supply (5.2V/4A), bracket set
OPTIONAL:	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 (1.1lbs) 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 (2.2lbs) approx.