

# Kramer VP-428H2 4K60 HDCP 2.2 DisplayPort/HDMI/VGA Auto Switcher/Scaler and PoE Provider over HDBaseT

## INPUTS

- 1 DP: On a Display Port connector
- 1 HDMI : On a female HDMI connector
- 1 PC: On a 15-pin HD connector
- 1 Stereo Analog Unbalanced Audio: On a 3.5mm mini jack
- 1 IR: On a 3.5mm mini jack

## OUTPUTS

- HDBaseT: On an RJ-45 port
- 1 IR: On a 3.5mm mini jack

## PORTS

- 1 Ethernet: On an RJ-45 female connector for port tunneling
- 1 USB: On a female USB-A connector
- 1 DATA RS-232: On a 3-pin terminal block for serial link extension
- 1 CTRL RS-232: On a 3-pin terminal block for device control

## VIDEO

- Max Data Rate: 10.2Gbps (3.4Gbps per graphic channel)
- Max. Input Resolution: 4K@60Hz (4:4:4)
- Max. Output Resolution: 4K@60Hz (4:2:0)
- Standards Compliance: HDMI 2.0 and HDCP 2.2
- Switching Time Between Inputs: 2 to 3 seconds
- Video Latency: 2 to 3 frames
- Input Resolutions: 640x350@60/70/85Hz, 640x400@70/85Hz, 640x480@57/60/66/72/85Hz, 720x400@70/85Hz, 720x480@60i/60p/60Hz, 720x576@50i/50p/60Hz, 800x600@56/60/72/75/85Hz, 832x624@75Hz, 848x480@59/60Hz, 864x648@60Hz, 1024x768@43i/60/70/75/85Hz, 1152x864@60/70/75/85Hz, 1152x870@60/75Hz, 1280x720@25p/30p/50p/60p/75Hz, 1280x768@50/60 (RB)/60/75/85Hz, 1280x800@59/60/75/85Hz, 1280x960@60/75/85Hz, 1280x1024@59/60/72/75/76/85Hz, 1360x768@60Hz, 1366x768@60Hz, 1400x1050@59/60/75Hz, 1440x900@60 (RB)/60/75/85Hz, 1600x900@60 (RB)/60/75Hz, 1600x1024@60/75Hz, 1600x1200@51/59/60/65/70/75Hz, 1680x1050@59/60/75Hz, 1920x1200@59/60/65/75Hz, 1920x1080@50i/60i/24p/25p/30p/50p/60p/60Hz, 920X1080@60s, 1920X1080@50vesa, 3840x2160@24p/25p/30p/50p/50p (420)/60p/60p (420)/60p (RB), 4096x2160@24p/25p/30p/50p/50p (420)/60p/60p (420) Output Resolutions: Native, 640x480@60Hz, 720x480P@60Hz, 720x576P@50Hz, 800x600@60Hz, 1024x768@60Hz, 1280x720@60Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1080@60Hz, 1920x1200@60Hz, 1280x720P@50/60Hz, 1920x1080P@24/25/30/50/60Hz, 4K@24/25/30Hz, 4K2K(4:2:0)@50/60Hz

## POWER

- Source: 48V DC, 410mA
- Consumption: 48V DC, 1.36A

## ENCLOSURE

- Cooling: Convection ventilation
- Type: Aluminum

## 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
- Optional: RK-T2B rack adapter

## PRODUCT DIMENSION

- 18.75cm x 14.50cm x 2.54cm (7.38" x 5.71" x 1.00" ) W, D, H

## PRODUCT WEIGHT

- 1.5kg (3.4lbs) approx

## SHIPPING DIMENSION

- 35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H

**SHIPPING WEIGHT**

- 1.1kg (2.4lbs) approx