



# KRAMER

## VP-510

4K to 2K Down-Converter

| HDMI | 4K/30 UHD



VP-510 is a down-converter for 4K UHD HDMI signals. The unit takes a 4K resolution input, provides a loop output and down-converts it to 2K resolution. It allows the use of legacy equipment with 4K signals (23.98Hz to 30Hz)

### FEATURES

**HDMI Signal Downscaling** - From 4K UHD to 2K/1080p

**Resolution Support** - 4K@24Hz 4096×2160p and 4K@24/25/30Hz 3840×2160p

**HDMI Signal Bypass** - For non-4K resolutions

**HDMI Looping Input**

**Max. Data Rate** - 10.2Gbps (3.4Gbps per graphic channel)

**HDMI Support** - 3D, Deep Color, x.v.Color™, Dolby® TrueHD, Dolby Digital Plus, DTS-HD® and 7.1 PCM



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## TECHNICAL SPECIFICATIONS

|                           |  |
|---------------------------|--|
| INPUTS:                   | 1 HDMI (looping) on an HDMI connector  |
| OUTPUTS:                  | 1 HDMI and 1 loop on HDMI connectors   |
| PORT:                     | 1 mini-USB for firmware upgrading  |
| MAX. DATA RATE:           | 10.2Gbps (3.4Gbps per graphic channel)   |
| INDICATOR LEDs:           | ON, BYPASS, 4K IN, OUTPUT CONNECTED  |
| SUPPORTED STANDARDS:      | Up to HDMI 1.4 and HDCP 1.4  |
| SUPPORTED 4K RESOLUTIONS: | 3840x2160 @23.98/24Hz (HDMI_VIC 3), 3840x2160 @25Hz (HDMI_VIC 2), 3840x2160 @29.97/30Hz (HDMI_VIC 1), 4096x2160 @23.98/24Hz (HDMI_VIC 4) |
| POWER CONSUMPTION:        | 5V DC, 550mA   |
| 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   |
| PRODUCT DIMENSION:        | 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H   |
| PRODUCT WEIGHT:           | 0.2kg (0.4lbs) approx  |
| SHIPPING DIMENSION:       | 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H  |
| SHIPPING WEIGHT:          | 0.5kg (1.1lbs) approx  |

