



# KRAMER

## VP-427UHD

4K HDBT Receiver / Scaler Tool with  
HDBaseT and HDMI Inputs

| HDMI | Ethernet - RJ-45 | HDBaseT  
| 4K/60 UHD (4:2:0)



VP-427UHD is a comprehensive 4K HDBaseT receiver scaler with a local HDMI input. It supports automatic and manual switching between the 2 inputs, with fast and visually seamless transitions. The unit up-scales, down-scales, and cross-scales to resolutions up to 4K@60 (4:2:0). The output resolution is set by the user or follows the native resolution of the source

## FEATURES

**Comprehensive Receiver/Scaler** - Scales signals of all standard resolutions up to 4K (4:2:0) for routing to the HDMI output. Constant output sync prevents signal disruption when switching between inputs and when no video is detected

**Flexible Audio Output** - Analog balanced stereo and digital S/PDIF outputs for de-embedding the audio output

**Data Tunneling** - Extend RS-232, IR, and Ethernet over the HDBaseT line

**Cost-Effective and Convenient Control Options** - Ethernet and RS-232 serial ports, and local control via front panel input selection and OSD menu buttons

**Versatile Powering Options** - Power the unit with PoE (Power over Ethernet) over the HDBaseT line or with the power adapter

**Easy Installation** - Single cable connectivity for both the HDBaseT signal and PoE power. Compact MegaTOOLS® fan-less enclosure for surface mounting or side-by-side mounting of 2 units in a 1U rack space with the recommended rack adapter



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## TECHNICAL SPECIFICATIONS

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Inputs	1 HDBaseT: On an RJ-45 connector  1 HDMI: On a female HDMI connector
Outputs	1 HDMI: On a female HDMI connector  1 Balanced Analog Stereo Audio: on a 5-pin terminal block  1 Digital Audio: On a female S/PDIF connector
Ports	1 IR: On a 3.5mm mini jack  1 RS-232: On a 3-pin terminal block  1 Ethernet: On an RJ-45 connector
Video	Output Resolutions: 480i@60Hz, 576i@50Hz, 480p@60Hz, 576p@50Hz, 720p@50/59/60Hz, 1080i@50/59/60Hz, 1080p@23/24/25/29/30/50/59/60Hz, 1080psf@23/24/25/29/30Hz, 640x480@60/72/75/85Hz, 800x600/72/75/85Hz, 1024x768@60/70/75/85Hz, 1152x864@75Hz, 1280x768@60RB/60/75Hz, 1280x800@60Hz, 1280x960@60Hz, 1280x768@85Hz, 1280x1024/75Hz, 1360x768@60Hz, 1366x768@60Hz, 1400x1050@60RB/60/75Hz, 1440x900@60RB/60/75/85Hz, 1600x1200@60Hz, 1680x1050@60RB/60Hz, 1920x1200@60RBHz, 3840x2160p@24/25/30/50/60Hz  Max. Input Resolution: 4K@60Hz (4:2:0)  Max. Range: 180m at 1080p@60Hz, 100m (328ft) at 4K@60Hz (4:2:0)  Latency: Progressive input — 30ms (approx.), interlaced input — 50ms (approx.)  Content Protection: HDCP 1.4  Switching Time Between Inputs: <0.5 seconds
Analog Audio	Output: +4dBu nominal / 100Ω  Audio Sampling Rate: 48kHz for analog audio output
User Interface	Controls: Input selection, 1080p reset and freeze buttons, OSD menu  Indicators: Selected input, output, HDBaseT connection/link and device power LEDs
Power	Source: 12V DC  Consumption: 1A
Enclosure	Size: MegaTOOLS®  Type: Aluminum  Cooling: Convection ventilation
ENVIRONMENTAL CONDITIONS:	
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 adapter, rubber feet, mounting bracket
Product Dimension	18.75cm x 14.50cm x 2.54cm (7.38" x 5.71" x 1.00" ) W, D, H
Product Weight	0.7kg (1.5lbs) approx

Shipping Dimension 35.10cm x 21.10cm x 7.20cm (13.82" x 8.31" x 2.83" ) W, D, H

Shipping Weight 1.3kg (2.9lbs) approx

