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.
## TECHNICAL SPECIFICATIONS

### 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
- 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:
- 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 Dimensions
- 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 Dimensions  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