VP-427X
4K Auto-Switcher/Scaler Receiver over Long-Reach HDBaseT

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

VP-427X is a high-performance auto-switcher/scaler receiver for 4K HDMI™ over long-reach HDBaseT and a local HDMI input. VP-427X receives the HDBaseT signal from a compatible transmitter, converts it to HDMI and up- or down-scales the picture to any resolution up to 4K@60HZ (4:4:4) set by the user or automatically matching the resolution of the HDMI monitor. VP-427X enables extending video signals to up to 40m (130ft) over CAT copper cables at up to 4K@60Hz (4:2:0) 24bpp video resolution and provides even further reach for lower HD video resolutions

FEATURES

HDMI Signal Extension - HDCP 1.4 / 2.2. 4K60, CEC, xvYCC color (on input)

Audio De-embedding - Output the HDMI audio to a balanced stereo output

Bidirectional RS-232 Extension - Serial interface data flows in both directions, allowing data transmission and device control

 - Includes relay outputs and easy connection to occupancy sensors and contact closure switches

I–EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling, processing and pass–through algorithm that ensures Plug and Play operation

 - ProcAmp Control — Contrast, brightness, color, etc

 - Freeze button

Convenient Unit Control and Configuration Options - Local control via front panel source switching buttons and OSD menu. Distance control via RS–232 serial commands transmitted by a PC, touch screen system or other serial controller and relay switches

Easy, Cost–effective Maintenance - Local firmware upgrade via USB connector

Easy and Elegant Installation - Compact MegaTOOLS™ fan–less enclosure for dropped–ceiling 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

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 Audio On a 5−pin terminal block connector
Ports	1 Control RS−232 On a 3–pin terminal block connector
	1 Data RS−232 On a 3–pin terminal block connector
	1 Remote Contact−Closure On a 4 pin terminal block connector
	1 Relay On a 3–pin terminal block connector
	1 Program USB On a USB−A connector for firmware upgrade
Video	Max Data Rate (on the HDMI ports) 18Gbps
	Max Resolution (on HDMI ports) 4K@60Hz (4:4:4)
	HDMI Support: 4K60, CEC, xvYCC color
	Content Protection: HDCP 1.4 and 2.2
	Output Resolutions 640x480@60Hz, 800x600@60Hz, 1024x768@60Hz, 1280x768@60Hz, 1280x800@60Hz, 1280x1024@60Hz, 1360x768@60Hz, 1400x1050@60Hz, 1440x900@60Hz, 1600x1200@60Hz, 1680x1050@60Hz, 1920x1200@60Hz RB, 2560x1600@60Hz RB, 1920x1080@60Hz, 1280x720@60Hz, 2048x1080@50/60Hz, 2560x1440@60Hz RB, 720x480p@60Hz, 720x576p@50Hz, 1280x720p@50/60Hz, 1920x1080p@24/25/30/50/60Hz, 2560x1080p@50/60Hz, 2K@24/25/30/50/60Hz, 4K@24/25/30/50/60Hz
Extension Line	Up to 40m (130ft): At 4K@60Hz (4:2:0)
	Up to 70m (230ft) At full HD (1080p@60Hz)
Extended RS-232	Baud Rate 300 to 115200
Power	Source: PoE or 12V DC Adapter
	Consumption 1A
User Interface	Control Input selection buttons, remote contact−closure switches, relay switches. Kramer API via RS−232 serial commands transmitted by a PC, touch screen system or other serial controller, embedded web pages via LAN for configuration and control
	Indicators Power, link, input selection 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
Enclosure	Size: MegaTOOLS®
	Type: Aluminum
	Cooling: Convection ventilation
STANDARDS COMPLIANCE	Safety CE
	Environmental FCC, UL

Accessories	Included: Power adapter, rubber feet, bracket set
Product Dimensions	18.75cm x 14.50cm x 2.54cm (7.38" x 5.71" x 1.00") W, D, H
Product Weight	0.9kg (1.9lbs) approx
Shipping Dimensions	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83") W, D, H
Shipping Weight	1.4kg (3.1lbs) approx