



## VM-4HDT

1:4 4K60 4:2:0 HDMI to Long-Reach HDBaseT DA



VM-4HDT is a high-quality, long-reach 4K@60Hz (4:2:0) HDBaseT extender distributor that takes one HDMI input, with IR and RS-232 control signals, converts them to HDBaseT extension line signal and distributes it to four HDBaseT outputs that connect to compatible HDBaseT receivers such as the TP-580R. VM-4HDT distributes HDMI signals with up to 4K video resolution, along with their extension over HDBaseT.

## FEATURES

- **High Performance Distribution** - Distributes one HDMI signal to four long-reach HDBaseT extension outputs with up to 4K video resolution.
- **Extension-line Distribution** - Distributes a 4K@60Hz (4:2:0) 24bpp (maximum) video signal over HDBaseT extension line to a distance of up to 40m (130ft) long-reach, and even further for lower video resolutions.
- **Standard Compatibility** - Connects to any HDBaseT compliant extension product on the market.
- **HDMI Signal Transmission** - HDMI 2.0 and HDCP 1.4 compliant signal, supporting Deep Color, x.v.Color™, Lip Sync, 7.1 PCM, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D. EDID and CEC (OUT 1 only) signals are passed through from the source to the display.
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - An intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation for HDMI source and display systems.
- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal integrity to travel longer distances.
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - An intelligent EDID handling and processing algorithm that ensures Plug and Play operation for HDMI systems.
- **LED Indicators** - Status indicators for HDMI and HDBaseT input/output connected signals and power for ease of maintenance and troubleshooting.
- **Easy Installation** - Twisted-pair cables for HDBaseT signals wiring. Compact Mega TOOLS™ fan-less enclosure for over-ceiling mounting, or side-by-side rack mounting.

## TECHNICAL SPECIFICATIONS

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### INPUTS

1 HDMI On an HDMI female connector

### OUTPUTS

4 HDBT On RJ-45 female connectors

### PORTS

1 IR On a 3.5mm mini jack for IR link extension

1 RS-232 On a 3-pin terminal block for serial link extension

### EXTENSION LINE

UP TO 40M (130FT) At 4K@60Hz (4:2:0)  
Note: When using Kramer HDBaseT cables

UP TO 70M (230FT) At full HD (1080p @60Hz 36bpp)  
Note: When using Kramer HDBaseT cables

### VIDEO

MAX. DATA RATE 10.2Gbps (3.4Gbps per graphic channel)

MAX. RESOLUTION 4K@60Hz (4:2:0) 24bpp

STANDARDS COMPLIANCE Supports HDMI 2.0, HDCP 1.4 and HDBaseT 1.0

### POWER

SOURCE 5.2V DC, 4A

CONSUMPTION 5V DC, 800mA

### ENVIRONMENTAL CONDITIONS

OPERATING TEMPERARTURE 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 MegaTool

TYPE Aluminum

COOLING Fan ventilation

### GENERAL

CONTROLS EDID setup button, 12 setup DIP switches

INDICATOR LEDES OUTPUTS 1-4, LINK 1-4, active input, power on

1 RS-232 On a Mini-USB female connector for firmware upgrade

### ACCESSORIES

INCLUDED Power supply

OPTIONAL RK-T2B 19" rack adapter

PRODUCT DIMENSIONS: 18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00" ) W, D, H

PRODUCT WEIGHT: 0.5kg (1.2lbs) approx.