VM-2HDT is a high-quality, long-reach 1:2 HDBaseT extender distributor that takes one HDMI input, with IR and RS-232 control signals, converts it to an HDBaseT extension line signal and distributes it to 2 HDBaseT outputs that connect to compatible HDBaseT receivers. VM-2HDT includes an HDMI LOOP output for connecting to an additional unit in a daisy chain.

**FEATURES**

**High Performance Distribution** - Distributes one HDMI signal to two long-reach HDBaseT extension outputs with up to 4K video resolution, and additional HDMI LOOP output for connecting a local monitor or an additional unit in a daisy chain.

**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** - HDCP 1.4 compliant signal, supporting Deep Color, x.v.Color™, Lip Sync, 7.1 PCM, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0. 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.

**User-Friendly Operation** - 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

**Inputs**

- 1 HDMI On an HDMI female connector

**Outputs**

- 2 HDBT On RJ–45 female connectors
- 1 Loop HDMI On an HDMI female connector

**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

**Video**

- Max. Data Rate 10.2Gbps (3.4Gbps per graphic channel)
- Max. Resolution Up to 4K@60Hz (4:2:0) 24bpp
- Standards Compliance Supports HDCP 1.4 and HDBaseT 1.0
- HDMI Support Deep Color, x.v.Color™, Lip Sync, 7.1 PCM, Dolby TrueHD, DTS–HD, 2K, 4K, and 3D as specified in HDMI 2.0

**Extension Line**

- Up to 40m (130ft) At 4K@60Hz (4:2:0) (when using Kramer HDBaseT cables)
- Up to 70m (230ft) At full HD (1080p @60Hz 36bpp) (when using Kramer HDBaseT cables)

**User Interface**

- Indicator LEDs Outputs, inputs, communication link and power
- Controls EDID setup button, 12 setup DIP switches
- 1 RS-232 On a Mini−USB female connector for firmware upgrade

**Power**

- Source 5.2V DC, 4A
- Consumption 5V DC, 1.6A

**Enclosure**

- Size MegaTool
- 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 supply

**Product Dimensions**

- 18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00" ) W, D, H
- 34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05" ) W, D, H

**Product Weight**

- 0.5kg (1.0lbs) approx
- 1.3kg (2.8lbs) approx