



## VM-2HDT

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

| HDMI | HDCP Compliant | HDBaseT  
| 4K/60 UHD (4:2:0)



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<br>1 Loop HDMI On an HDMI female connector                                                                                                                                                                                                            |
| Ports                    | 1 IR On a 3.5mm mini jack for IR link extension<br>1 RS-232 On a 3-pin terminal block for serial link extension                                                                                                                                                                         |
| Video                    | Max. Data Rate 10.2Gbps (3.4Gbps per graphic channel)<br>Max. Resolution Up to 4K@60Hz (4:2:0) 24bpp<br>Standards Compliance Supports HDCP 1.4 and HDBaseT 1.0<br>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)<br>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<br>Controls EDID setup button, 12 setup DIP switches<br>1 RS-232 On a Mini-USB female connector for firmware upgrade                                                                                                       |
| Power                    | Source 5.2V DC, 4A<br>Consumption 5V DC, 1.6A                                                                                                                                                                                                                                           |
| Enclosure                | Size MegaTool<br>Type Aluminum<br>Cooling Convection ventilation                                                                                                                                                                                                                        |
| Environmental Conditions | Operating Temperature 0° to +40°C (32° to 104°F)<br>Storage Temperature -40° to +70°C (-40° to 158°F)<br>Humidity 10% to 90%, RHL non-condensing                                                                                                                                        |
| Accessories              | Included Power supply                                                                                                                                                                                                                                                                   |
| Product Dimensions       | 19.00cm x 11.60cm x 2.70cm (7.48" x 4.57" x 1.06" ) W, D, H                                                                                                                                                                                                                             |
| Product Weight           | 0.5kg (1.0lbs) approx                                                                                                                                                                                                                                                                   |
| Shipping Dimensions      | 34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05" ) W, D, H                                                                                                                                                                                                                            |
| Shipping Weight          | 1.3kg (2.8lbs) approx                                                                                                                                                                                                                                                                   |



