



# KRAMER

## VM-3HDT

1:3+1 4K60 4:2:0 HDMI to Long-Reach  
HDBaseT DA

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



VM-3HDT is a high-quality, long-reach 1:3 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 3 HDBaseT outputs that connect to compatible HDBaseT receivers. VM-3HDT includes an HDMI LOOP output for connecting to an additional unit in a daisy chain

## FEATURES

**High Performance Distribution** - Distributes one HDMI signal to three 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** - 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

**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

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Inputs	1 HDMI On an HDMI female connector
Outputs	3 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 HDMI 2.0, HDCP 1.4 and HDBaseT 1.0
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	Controls EDID setup button, 12 setup DIP switches Indicator LEDs Outputs, inputs, communication link and power 1 RS-232 On a Mini-USB female connector for firmware upgrade
Power	Source 5.2V DC, 4A Consumption 5V DC, 2.1A
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 Dimension	EU: 8.00cm x 4.70cm x 8.00cm (3.15" x 1.85" x 3.15" ) W, D, H UK: 8.60cm x 4.70cm x 8.60cm (3.39" x 1.85" x 3.39" ) W, D, H US: 6.98cm x 4.70cm x 11.43cm (2.75" x 1.85" x 4.50" ) W, D, H EU, UK: 8.00cm x 4.70cm x 8.00cm (3.15" x 1.85" x 3.15" ) W, D, H
Product Weight	EU: 0.1kg (0.2lbs) approx UK: 0.1kg (0.2lbs) approx US: 0.1kg (0.2lbs) approx EU, UK: 0.1kg (0.2lbs) approx
Shipping Dimension	EU: 23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H UK: 23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H US: 11.50cm x 4.70cm x 7.00cm (4.53" x 1.85" x 2.76" ) W, D, H EU, UK: 23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H

Shipping Weight

EU: 0.4kg (0.8lbs) approx

UK: 0.4kg (0.8lbs) approx

US: 0.4kg (0.8lbs) approx

EU, UK: 0.4kg (0.8lbs) approx

