



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 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 |
| 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 |



