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

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 - 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

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 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	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 Dimension	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 Dimension	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

| IR | RS-232
G Rx Tx | SETUP | 5V DC |

| HDMI | HDMI | HDBT | HDBT | IR | RS-232 |

Blu-ray
Player

VM-4HDT
DA or
Local Monitor

HDBT
Receiver

HDBT
Receiver

Projector

Projector
Control

RC-76R
Control
Keypad