



# KRAMER

## VM-3HDT

1:3+1 4K60 4:2:0 HDMI to LongReach  
HDBaseT DA

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



VM3HDT is a highquality, longreach 1:3 HDBaseT extender distributor that takes one HDMI input, with IR and RS232 control signals, converts it to an HDBaseT extension line signal and distributes it to 3 HDBaseT outputs that connect to compatible HDBaseT receivers such as TP580R. VM3HDT distributes signals with resolutions of up to 4K@60Hz (4:2:0), and 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



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## TECHNICAL SPECIFICATIONS

1 HDMI	On an HDMI female connector
3 HDBT	On RJ-45 female connectors
1 Loop HDMI	On an HDMI female connector
1 IR	On a 3.5mm mini jack for IR link extension
1 RS232	On a 3pin terminal block for serial link extension
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
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)
Controls	EDID setup button, 12 setup DIP switches
Indicator LEDs	Outputs, inputs, communication link and power
1 RS-232	On a MiniUSB female connector for firmware upgrade
Source	5.2V DC, 4A
Consumption	5V DC, 2.1A
Size	MegaTool
Type	Aluminum
Cooling	Convection ventilation
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 noncondensing
Included	Power supply
Optional	RKT2B 19" rack adapter

