



KRAMER

VM-214DT

2x1:4 4K60 4:2:0 HDMI & ExtendedReach
HDBaseT with Ethernet, RS232, IR & Stereo
Audio Switchable DA

| HDMI | Ethernet - RJ-45 | HDCP Compliant
| HDBaseT | 4K/60 UHD (4:2:0)



VM214DT is a highquality, extendedreach 4K@60Hz (4:2:0) HDBaseT distributor that takes either an HDMI or an extendedreach HDBaseT input (selectable), equalizes and reclocks the signal and distributes it to four identical extendedreach HDBaseT outputs along with an Ethernet, RS232, and IR control signal. The unit also includes a loop HDMI output with audio deembedding (extraction) to an analog stereo port. As an integrated extender distributor, VM214DT reextends and distributes native extendedreach HDBaseT signals with up to 4K video resolution

FEATURES

High Performance Extender Distributor - High-quality professional 1:4 distribution of native extended-reach HDBaseT signals, for deploying mid-way between an AV source and multiple remote displays and gaining extra extended-reach extension. It is coupled with both sides, input and output, extension of a maximum 4K@60Hz (4:2:0) 24bpp video resolution signal to maximum 100m (330ft) extended-reach over CAT copper cable, and even further reach for lower HD video resolution. The extender distributor is standard and capable of being connected to any market-available HDBaseT compliant extending product

Cables - For optimum range and performance, use recommended Kramer cables

HDMI Signal Extension - 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 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

Looping HDMI Output - Enables monitoring and cascading to additional DAs

Ethernet Extension - Ethernet interface data flows in both directions, enabling extension of up to 100Mbps Ethernet connectivity for LAN communication and control of devices

Bidirectional RS-232 Extension - Serial interface data flows in both directions, enabling data transmission and control of devices

Bidirectional Infrared Extension - IR interface data flows in both directions, enabling remote control of peripheral devices located at either end of the extended line

Cost-effective Maintenance - Status LED indicators for HDMI and HDBT ports to facilitate easy local maintenance and troubleshooting. Remote IP device management via built-in web pages or RS-232 control connection. Local and remote firmware upgrade via mini-USB, control RS-232 or Ethernet connection and the K-Upload tool to ensure long field-proven deployment

Easy Installation - Twisted-pair cables for HDBaseT signals wiring. Rack mountable enclosure for mounting in a 1U rack space with included rack ears



TECHNICAL SPECIFICATIONS

Inputs	1 HDMI: On a female HDMI connector 1 HDBT: On an RJ45 connector
Outputs	1 HDMI: On a female HDMI connector 4 HDBT: On RJ45 connector 1 Unbalanced Stereo Audio: On a 3.5mm mini jack
Ports	1 IR: On a 3.5mm mini jack for IR link extension via HDBT outputs 1 RS-232: On a 3pin terminal block for serial link extension via HDBT outputs 1 Mini USB: On a female USB connector for firmware upgrade 1 RS-232: On a 3pin terminal block for device control 1 10/100BaseT Ethernet: On an RJ45 female connector for device control via LAN and Ethernet link extension via HDBT outputs
Extension Line	4K @60Hz (4:2:0): Up to 100m (330ft) Full HD (1080p @60Hz 36bpp): Up to 130m (430ft) HDBaseT Ultra Mode and Full HD (1080p @60Hz 24bpp) Up to 180m (590ft) Compliance: HDBaseT 1.0
Video	Max. Resolution: 4K@60Hz (4:2:0) and 4K@30Hz (4:4:4) Compliance: Supports and HDCP 1.4 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
Analog Audio	Max Level: 1 Vrms THD + Noise: 0.03% @1kHz at nominal level
User Interface	Controls Input select, volume, and EDID read/select buttons. RS232 device control, Ethernet, and DIPswitches Indicators Input select, EDID type, outputs and IR signal LEDs
Supported Web Browsers	Windows 7 and Higher – Internet Explorer (32/64 bit) version 10, Firefox version 30, Chrome version 35 MAC Chrome version 35, Chrome version 63.0.3239.84, Firefox version 30, Firefox version 57.0.2, Safari version 7 Minimum Browser Window Size 1024 x 768 when in full screen mode
Power	Consumption: 16VA Source: 100240V AC, 50/60Hz
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 noncondensing
STANDARDS COMPLIANCE	Safety: CE Environmental: RoHs, WEEE

Enclosure

Size: 19" 1U

Type: Aluminum

Cooling: Fan Ventilation

Accessories

Included: Power power cord, rack ears

Product Dimensions

43.64cm x 18.30cm x 4.36cm (17.18" x 7.20" x 1.72") W, D, H

Product Weight

1.6kg (3.4lbs) approx

Shipping Dimensions

55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H

Shipping Weight

2.7kg (6.0lbs) approx

