



# kramer

## VM-2D

1:2 4K60 4:2:0 DVI DA

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



VM-2D is a 1:2 distribution amplifier for up to 4K@60Hz (4:2:0) HDMI signals, complying with HDCP 1.4 content protection standard, via single-link DVI-I connections. The unit takes one DVI input, equalizes and reclocks the signal, and distributes it to two identical outputs

## FEATURES

**High Performance Distributor** - Professional 1:2 DVI distributor for up to 4K@60Hz (4:2:0) video resolution signals. Via single-link DVI-I connections, one HDMI HDCP 1.4 input signal is amplified and distributed to two identical output signals, with signals rebuilt using Kramer Equalization & re-Klocking™ Technology to gain longer distances

**Secured Operation** - Highly-secured operation is ensured by lockable wiring connectivity with protection against unintentional cables connection

**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 signals are passed through from the source to the displays

**I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation for DVI source and display systems

**User-Friendly Operation** - Comprehensive signal distribution features and signal mode-forcing options such as RGB forcing, with convenient EDID selection front panel button

**Cost-Effective Field Maintenance** - Mini-USB connection for simple field firmware upgrade. Status indicators for fast and effective troubleshooting

**Easy Installation** - Compact TOOLS™ fan-less enclosure for over-ceiling mounting, or side-by-side mounting of 3 units in a 1U rack space with the optional recommended rack adapter



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## TECHNICAL SPECIFICATIONS

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Inputs	1 DVI On a DVI-I female connector
Outputs	2 DVI On DVI-I female connectors
Video	Max. Data Rate 10.2Gbps (3.4Gbps per graphic channel) Max. Resolution 4K@60Hz (4:2:0) 24bpp Standards Compliance DVI 1.0 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
User Interface	Controls: EDID setup button, RS-232 port on mini-USB female connector for firmware upgrade Indication LEDS OUTPUTS 1 to 2, ACTIVE input and power ON LEDS
Power	Source 5V DC, 4A Consumption 5V DC, 800mA
Enclosure	Size Tools 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, bracket set
Product Dimensions	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H
Product Weight	0.3kg (0.6lbs) approx
Shipping Dimensions	49.00cm x 18.60cm x 58.80cm (19.29" x 7.32" x 23.15" ) W, D, H
Shipping Weight	0.7kg (1.5lbs) approx

