



# KRAMER

## VM-400HDCPxI

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

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



VM-400HDCPxI is a 1:4 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 four identical outputs

### FEATURES

**High Performance Distributor** - Professional 1:4 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 four 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

**EDID Pass-through** - Pass-through algorithm 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 using the Kramer K-Upload tool. Status indicators for fast and effective troubleshooting

**Easy Installation** - Compact MegaTOOLS™ fan-less enclosure for over-ceiling mounting, or side-by-side rack mounting



## TECHNICAL SPECIFICATIONS

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|------------------------|---|
| INPUTS:                | 1 DVI on a DVI-I female connector   |
| OUTPUTS:               | 4 DVI on DVI-I female connectors  |
| PORTS:                 | 1 RS-232 on Mini-USB female connector for firmware upgrade  |
| VIDEO:                 | Up to 10.2Gbps bandwidth (3.4Gbps per graphic channel)<br>Up to 4K UHD @60Hz (4:2:0) 24bpp resolution<br>HDCP 1.4 signal compliance.<br>Supports deep color, x.v.Color™, lip sync, 7.1 PCM, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0 |
| CONTROLS:              | EDID setup button   |
| INDICATOR LEDs:        | OUTPUTS 1 to 4, ACTIVE input and power ON LEDs  |
| POWER SOURCE:          | 5V DC, 4A   |
| POWER CONSUMPTION:     | 5V DC, 1.1A   |
| ENCLOSURE:             | MegaTools size, aluminum type   |
| 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 non-condensing  |
| INCLUDED ACCESSORIES:  | 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        | 1.0kg (2.2lbs) approx   |