



# KRAMER

## VM-3H2

1:3 4K60 4:4:4 HDCP 2.2 HDMI 2.0 DA

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



The VM3H2 is a 1:3 distribution amplifier for up to 4K@60Hz (4:4:4) HDMI 2.0 signals, complying with HDCP 2.2 content protection standard. The unit takes one HDMI input, equalizes and reclocks the signal and distributes it to three identical outputs

### FEATURES

**Max. Data Rate** - 17.82Gbps (5.94Gbps per graphic channel)

**Max. Resolution** - 4K@60Hz (4:4:4)

**HDMI Signal Transmission** - HDMI 2.0 and HDCP 2.2 compliant signal, supporting deep color, x.v.Color™, lip sync, 7.1 PCM, Dolby TrueHD, DTSHD, CEC (OUT 1 only), 2K, 4K, and 3D

**IEDIDPro™ Kramer Intelligent EDID Processing™** - An intelligent EDID handling, locking, processing and passthrough algorithm ensures Plug and Play operation for HDMI source and display systems

**Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances

**Force RGB** - When the display lacks YCbCr capabilities, the user can force native delivery of the RGB color format in HDMI content to improve picture quality

**Selectable HDCP Authorization** - Allows the user to control the appearance of an HDCP or nonHDCP input to the source to permit delivery of protectionfree content, such as personal clips and charts, without HDCP encryption. HDCP protected content is not passed in nonHDCP mode

**Field Maintenance** - RS232 connection for simple field firmware upgrade with Kramer KUpload tool, easy EDID handling with Kramer EDIDDesigner tool, status indicators for HDMI input and output connected signals, and power indicator, for ease of maintenance and troubleshooting

**Easy Installation** - Compact Mega TOOLS™ fanless enclosure for overceiling mounting, or sidebyside rack mounting



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## TECHNICAL SPECIFICATIONS

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INPUT:	1 HDMI connector
OUTPUTS:	3 HDMI connectors
PORT:	1 RS232 for firmware upgrade
MAX. DATA RATE:	17.82Gbps (5.94Gbps per graphic channel) supporting resolutions up to 4K @60Hz (4.4.4)
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI 2.0 and HDCP 2.2
INDICATOR LEDs:	ON, IN, OUT 1 to 3
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
POWER CONSUMPTION:	5V DC, 730mA
PRODUCT DIMENSION:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00" ) W, D, H
PRODUCT WEIGHT:	0.4kg (0.9lbs) approx
SHIPPING DIMENSION:	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05" ) W, D, H
SHIPPING WEIGHT:	1.0kg (2.1lbs) approx
INCLUDED ACCESSORIES:	Power supply
OPTIONS:	RKT2B 19" rack adapter

