



KRAMER

VM-3H2

1:3 4K HDR HDMI DA

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



The VM3H2 is a 1:3 distribution amplifier for up to 4K HDR, HDMI signals, that comply 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 - HDR, 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 as specified in HDMI 2.0

Intelligent EDID Handling - Use connected display EDID or default EDID, with EDID lock and RGBforce options, to ensure proper operation of 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, 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

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 HDR10 and HDCP 2.2. Supports deep color, x.v.Color™, lip sync, 7.1 PCM, Dolby TrueHD, DTSHD, CEC (OUT 1 only), 2K, 4K, and 3D as specified in HDMI 2.0
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
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	0.4kg (0.9lbs) 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 (2.1lbs) approx

