



VM-3H2

1:3 4K HDR HDMI DA

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



The VM-3H2 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, DTS-HD, 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 RGB-force 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 non-HDCP input to the source to permit delivery of protection-free content, such as personal clips and charts, without HDCP encryption. HDCP protected content is not passed in non-HDCP mode

Field Maintenance - RS-232 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™ fan-less enclosure for over-ceiling mounting, or side-by-side rack mounting



TECHNICAL SPECIFICATIONS

INPUT:	1 HDMI connector
OUTPUTS:	3 HDMI connectors
PORT:	1 RS-232 for firmware upgrade
VIDEO	Up to 17.82Gbps bandwidth (5.94Gbps per graphic channel) Up to 4K@60Hz (4:4:4) resolution HDR10, HDCP 2.2 signal compliance 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
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 non-condensing
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



