



KRAMER

VM-8HN

1:8+2 4K60 4:2:0 HDMI DA

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



The VM8HN is a 1:8 distribution amplifier, with two loop ports, for 4K@60Hz (4:2:0) HDMI 2.0 signals complying with HDCP 1.4 content protection standard. The unit takes one HDMI input, equalizes and reclocks the signal and distributes it to eight identical outputs and two additional looping outputs

FEATURES

Transmitted Data Bandwidth - 10.2Gbps (3.4Gbps per graphic channel)

Video Resolution - Up to 4K@60Hz (4:2:0)

HDMI Signal Transmission - HDMI 2.0 and HDCP 1.4 compliant signal, supporting deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTSHD, CEC (OUT 1 only), 2K, 4K, and 3D

Auto Outputs Turn-on/off - All outputs are turned on when input signal is detected, and are turned off automatically, after a userselected delay, when no active input signal is detected

IEDIDPro™ Kramer Intelligent EDID Processing™ - An intelligent EDID selection, 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

User-Friendly Operation - Comprehensive signal distribution features and signal modeforcing options with ensured intuitive operation

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

Video Wall - Flexible output delay selection options to control the coherent and simultaneous unmuted content presentation on all video wall output displays

Field Maintenance - MiniUSB 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 - 19" enclosure for rack mounting a unit in a 1U rack space with included rack accessories, and powering from universal 100240V AC power mains outlet



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TECHNICAL SPECIFICATIONS

INPUT:	1 HDMI connector
OUTPUTS:	10 HDMI connectors (8 output, 2 loop)
MAX. DATA RATE:	10.2Gbps (3.4Gbps per data channel)
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP
CONTROLS:	EDID SELECT and READ buttons for selecting and storing EDID information
INDICATOR LEDs:	OUTPUTS 1 to 8, LOOP 1 and 2 and ACTIVE input LED
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:	100240V AC, 50/60Hz 28VA
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.5kg (3.3lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
SHIPPING WEIGHT:	2.5kg (5.5lbs) approx
INCLUDED ACCESSORIES:	Power cord

