



# KRAMER

## VM-1H4C

1:4 HDMI with RS-232 & IR to PoC  
Long-reach DGKat DA

| HDMI | HDCP Compliant | DGKat



The VM-1H4C is a high-quality 1:4 twisted pair distribution amplifier for HDMI signal to PoC Long-reach DGKat signals. The unit receives serial commands and IR signals transparently via the RS-232 port and the TP link. It reclocks and equalizes the input signal and distributes it to four DGKat TP outputs

### FEATURES

**Max. Data Rate** - 4.95Gbps (1.65Gbps per graphic channel)

**HDTV Compatible**

**HDCP Compliant**

**DGKat™ Signal Integration** - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables

**EDID Pass-through** - Pass-through algorithm ensures Plug and Play operation for HDMI source and display systems

**HDMI Support** - x.v.Color™ and uncompressed audio channels, Dolby TrueHD, DTS-HD 3D Pass-Through

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

**System Range** - Up to 90m (295ft) at 1080i @60hz or up to 70m (230ft) at 1080p @ 60hz when using Kramer DGKat cables. Note: Transmission range depends on the signal resolution, graphics card and display used. If using third-party shielded CAT cables, both ends of the shield must be soldered to the connectors for the products to function properly

**Power Connect** - The VM-1H4C provides power to the twisted pair receivers when they are within 270ft (90m) of the transmitter

**Active Input & Output LED Indicators**

**Serial Command Handling** - Receives serial commands transparently via the RS-232 port and the TP link

**Desktop Size** - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the recommended rack adapter



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## TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI connector, 1 IR on a 3.5mm mini jack, 1 RS-232 on a 9-pin D-sub connector
OUTPUTS:	4 twisted pair on RJ-45 connectors
MAX. DATA RATE:	Supports up to 4.95Gbps (1.65Gbps per graphic channel)
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP
INDICATOR LEDs:	Power, INPUT, OUTPUT 1, 2, 3 and 4
POWER CONSUMPTION:	12V DC, 2A
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	21.46cm x 0.00cm x 4.36cm (8.45" x 0.00" x 1.72" ) W, D, H
Product Weight	0.0kg (0.0lbs) approx
Shipping Dimensions	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H
Shipping Weight	1.9kg (4.2lbs) approx

