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
### 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