



VM-114H2C

2x1:2+2 HDMI & DGKat with RS-232 & IR to HDMI & PoC Long-reach DGKat switchable DA



The VM-114H2C is a high-performance PoC switcher and distribution amplifier for HDMI and DGKat™ twisted pair signals. It reclocks and equalizes one of two selectable input signals (HDMI or DGKat twisted pair) and distributes it to two DGKat twisted pair and two HDMI outputs

FEATURES

Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel) (HDMI), 4.95Gbps (1.65Gbps per graphic channel) (DGKat)

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™, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD (only on the TP inputs and outputs)

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

Active Input & Output LED Indicators

Compatible Transmitters/Receivers - Transmitters: PT-571, TP-573, TP-577; Receivers: PT-572, TP-575, TP-576, TP-577

Power Connect™ System - A single connection to the transmitter or the receiver powers both units when the devices are within 90m (270ft) of each other

Flexible Control Options - Front panel buttons, RS-232, infrared control sensor, remote included

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 DGKat twisted pair on an RJ-45 connector
OUTPUTS:	2 HDMI connectors, 2 DGKat twisted pairs on RJ-45 connectors
MAX. DATA RATE::	6.75Gbps (2.25Gbps per graphic channel) (HDMI), 4.95Gbps (1.65Gbps per graphic channel) (DGKat)
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP
CONTROLS:	Input select button, EDID select button, panel lock button, RS-232, local and remote IR controls
INDICATOR LEDs:	IR communication, power, IN 1(HDMI), IN 2 (CAT 5), OUTPUT 1, 2, 3 and 4
POWER CONSUMPTION:	12V DC, 910mA
INCLUDED ACCESSORIES:	Power supply, bracket installation kit, RC-IR3 infrared remote control transmitter
Product Dimensions	21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72") W, D, H
Product Weight	0.9kg (2.0lbs) 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

