



KRAMER

VM-114H2C

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

| HDMI | HDCP Compliant | DGKat | Kramer Core



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

I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI 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, or up to 30m (98ft) at 1080p on shielded BC-DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC-DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p on shielded BC-DGKat7a23 cable

Cable - Requires STP (shielded twisted pair) cable. For optimum range and performance, use Kramer's BC-DGKat524, BC-DGKat623 or BC-DGKat7a23 cables. Note that the transmission range depends on the signal resolution, source device and display used. The distance using non-Kramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges. Use only shielded cable where both ends of the shield are soldered to ground

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 an optional RK-1 adapter



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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
OPTIONS:	RK-1 19" rack adapter
PRODUCT DIMENSION:	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 DIMENSION:	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

