



VM-114H4C

2x1:4 HDMI Switcher, Twisted Pair Distribution Amplifier & Transmitter



The VM-114H4C is a high-performance switcher and distribution amplifier for HDMI and twisted pair signals. It reclocks and equalizes one of two selectable input signals (HDMI or twisted pair) and distributes it to four twisted pair outputs.

FEATURES

Max. Data Rate - 2.25Gbps bandwidth per graphic channel.

HDTV Compatible.

HDCP Compliant.

Inputs - HDMI and twisted pair on an RJ-45 connector.

Outputs - 4 twisted pairs on RJ-45 connectors.

I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.

HDMI Support - HDMI (V.1.4 with Deep Color (on the HDMI input), x.v.Color™, HDMI 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, 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-DGKat723 cable.

Cable - Requires STP (shielded twisted pair) cable. For optimum range and performance, use Kramer's BC-DGKat524, BC-DGKat623 or BC-DGKat723 cables. Note that the transmission range depends on the signal resolution, graphics card 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.

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. ½ rack width, can be rack mounted in a 1U rack space with an optional RK-1 adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI connector; 1 twisted pair on an RJ-45 connector.
OUTPUTS:	4 twisted pairs on RJ-45 connectors.
BANDWIDTH:	Supports up to 2.25Gbps bandwidth per graphic channel.
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
CONTROLS:	Input select button, EDID select button, panel lock button.
INDICATOR LEDs:	IR communication, power, IN 1 (HDMI), IN 2 (CAT5), OUTPUT 1, 2, 3 and 4.
POWER SOURCE:	12V DC, 2A.
DIMENSIONS:	21.5cm x 16.3cm x 4.4cm (8.5" x 6.4" x 1.7") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
ACCESSORIES:	Power supply, bracket installation kit, RC-IR3 infrared remote control transmitter.
OPTIONS:	RK-1 rack adapter.

