VM-214DT
2x1:4 4K UHD HDMI and HDBaseT Distribution Amplifier

The VM−214DT is a 4K UHD looping distribution amplifier for HDMI & HDBaseT signals. It reclocks and equalizes the signal and distributes it to four identical HDBaseT outputs and a looping HDMI output. It supports resolutions up to 4K@60Hz (4:2:0) UHD. This product offers the versatility of control options and audio de−embedding.

FEATURES

- **Resolution Support** - Up to 4K@60Hz (4:2:0) UHD.
- **Max. Data Rate** - 10.2Gbps (3.4Gbps per graphic channel).
- **HDTV Compatible.**
- **HDCP Compliant** - Works with sources that support HDCP repeater mode.
- **HDMI Support** - Deep Color, x.v.Color™ and 3D.
- **Automatic Live Input Detection** - Based on video clock presence.
- **Automatic Analog Audio Detection & De-embedding.**
- **Looping HDMI Output** - Allow monitoring and cascading to additional DAs.
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- **System Range** - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BC−HDKat6a cables.
- **Data Equalization and Reclocking.**
- **Support for Digital Audio Formats.**
- **Lockable EDID and Default EDID** - For fast and efficient connection of the unit.
- **Support for EDID Designer.**

TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI connector, 1 HDBT twisted pair on an RJ−45 connector.
OUTPUTS:	1 HDMI connector, 4 HDBT twisted pair on RJ−45 connectors.
MAX.DATA RATE:	10.2Gbps (3.4Gbps per graphic channel, HDMI).
COMPLIANCE WITH HDMI STANDARDS:	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 HDBT, OUTPUT 1,2,3,4 and 5, EDID TYPE Default, External, Output.
POWER CONSUMPTION:	100−240V AC 50/60Hz 16VA.
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.
COOLING:	Forced air, fan.
ENCLOSURE TYPE:	Aluminum.
RACK MOUNT:	With included rack "ears".
DIMENSIONS:	43.64cm x 18.3cm x 4.36cm, W, D, H (19" x 1U).
PRODUCT WEIGHT:	1.56kg (3.44lbs) approx.
SHIPPING WEIGHT:	2.7kg (5.95lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
SAFETY REGULATORY COMPLIANCE:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power cord, rack "ears".