



VM-4DKT

1:4 4K60 4:4:4 HDMI to Long-Reach DGKat
2.0 DA



VM-4DKT is a high-quality, long-reach, 4K@60Hz (4:4:4) DGKat extender distributor that converts HDMI input signals into the transmitted DGKat™ 2.0 signal and distributes it to four identical outputs, which are connected to compatible DGKat receivers

FEATURES

High Performance Extension - Professional DGKat™ 2.0 distributor transmitter for providing long-reach signals and power over twisted pair copper infrastructures. VM-4DKT employs low-level video compression technology that delivers visually lossless performance for 4K@60Hz (4:4:4) HDR signals with near-zero latency

HDMI Looping - Output mirroring allows presented content monitoring and its cascading to other connected components within the composed solution

HDMI Support - HDR10, HDCP 2.3, x, Dolby TrueHD, DTS-HD, 2K, and 4K as specified in HDMI 2.0

Multi-channel Audio Extension - Up to 8 channels of digital stereo uncompressed signals for supporting studio-grade surround sound

Cost-effective Deployment - Flexible use of default or connected display EDID, with locking option, to ensure proper presentation of source HDMI content on remotely connected displays

Easy Installation - Single twisted-pair cable for signal and power distribution. Half 19" size enables flexible and convenient mounting under table or 2 side-by-side units in a 1U rack space



TECHNICAL SPECIFICATIONS

Inputs	1 HDMI: On an HDMI female connector
Outputs	4 DGKat: On RJ-45 female connectors for extension lines 1 HDMI Loop: On an HDMI female connector
Ports	1 RS-232: On a 3-pin terminal block connector
Video	Transmitted Data Bandwidth: Up to 18Gbps (6Gbps per graphic channel) Max Resolution at High Compression Level: 3840x2160@60Hz (4:4:4) 24bpp Max Resolution at Standard Compression Level: 4096x2160@60Hz (4:4:4) 24bpp Standards Compliance: HDR10, HDCP 2.3
High Compression Reach Extension	Using Shielded UNIKAT Cables: Up to 60m (200ft) at 4K@60Hz (4:4:4), Up to 70m (230ft) at 4K@30Hz (4:4:4) or full HD (1080p @60Hz 36bpp) Using Plenum HDKat Cables: Up to 40m (130ft) at 4K@60Hz (4:4:4), Up to 50m (160ft) at 4K@60Hz (4:2:0) or full HD (1080p @60Hz 36bpp)
Standard Compression Reach Extension	Using Shielded UNIKAT Cables: Up to 40m (130ft) at 4K@60Hz (4:4:4), Up to 70m (230ft) at 4K@30Hz (4:4:4) or full HD (1080p @60Hz 36bpp)
Extension Line	Signal Compression: Standard or high compression level applied to >1080p signals Compliance: DGKat 2.0
Power	Source: 12V DC, 5A Consumption: 2.8A
Enclosure	Type: Aluminum Cooling: Fan ventilation Size: ½ 19" 1U
Environmental Conditions	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
Accessories	Included Accessories: Power adapter, rubber feet
Product Dimensions	21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72") W, D, H
Product Weight	0.5kg (1.2lbs) approx
Shipping Dimensions	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H
Shipping Weight	1.3kg (2.8lbs) approx

