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WP-872xr

4K HDR HDMI 1-Gang PoC Wall-Plate
Receiver over Long-Reach DGKat 2.0

| HDMI | DGKat | 4K/60 UHD (4:4:4)



WP-872xr is a high-performance, long-reach DGKat™ 2.0 wall-plate receiver for 4K@60Hz (4:4:4) HDR, HDMI, HDCP 2.2 signals and power over twisted pair. It converts the transmitted DGKat™ 2.0 signal into an HDMI signal. WP-872xr extends the signal to up to 60m (200ft) at 4K@60Hz (4:4:4) resolution and up to 70m (230ft) at 4K@30Hz (4:4:4) 24bpp resolution over Kramer shielded cables. This wall-plate can either provide or accept power through PoC (Power over Copper) over the twisted pair cable

FEATURES

High-Performance Receiver - Professional DGKat™ 2.0 receiver for providing long-reach signals over twisted pair copper infrastructures. WP-872xr receiver employs high-level video compression technology that delivers visually lossless performance for 4K@60Hz (4:4:4) HDR signals with near-zero latency. It converts the transmitted DGKat™ 2.0 signal into an HDMI signal

HDMI Signal Extension - Supports HDR, HDCP 2.2, deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0

EDID Pass-through - Pass-through algorithm ensures Plug and Play operation for HDMI source and display systems

Multi-channel Audio Extension - Up to 32 channels of digital stereo uncompressed signals for supporting studio-grade surround sound

Low-profile Wall-plate - Designed for elegant in-wall deployment behind wall-mounted flat panel display with limited wall-depth availability, requiring minimal space when connected with Kramer right-angle HDMI cable

Cost-Effective Maintenance - Power and connectivity status LED indicator facilitates easy local maintenance and troubleshooting

Easy Installation - Compactly fits into standard US, EU and UK 1-gang in-wall box size, supporting decorative integration with room deployed user interfaces such as electrical switches. Wall-plate installation is fast and cost-effective via a single twisted pair cable, providing both video signal and power (PoC) connections



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TECHNICAL SPECIFICATIONS

	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)
Inputs	1 DGKat: On an RJ-45 female connector
Outputs	1 HDMI: On an HDMI female connector
Video	Max Data Rate: 18Gbps (6Gbps per graphic channel) Max Resolution: 3840x2160@60Hz (4:4:4) 24bpp Standards Compliance: HDR10, HDCP 2.2
Extension Line	Signal Compression: High compression level applied to >1080p signals Compliance: DGKat 2.0
User Interface	Indicators: Power/connection Controls: Dip-switches to define compression setup
Power	Source: 12V DC, 2A Consumption: 580mA
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
Enclosure	Size: 1-gang Type: Aluminum Cooling: Convection ventilation
Accessories	Included: Power adapter with cord, bracket set
Standards Compliance	Safety: CE, UL Environmental: RoHs, WEEE



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CONFIGURATIONS

WP-872XR/US(W/B) US-D-size Wall-Plate Transmitter, with White & Black Decora® Design Frame Sets

WP-872XR/EU-80/86(W) EU & UK-size Wall-Plate Transmitter, with EU & UK White Frames

