

# Kramer WP-871XR(W) 4K HDR HDMI Wall-Plate PoC Transmitter over Long-Reach DGKat 2.0

WP-871xr is a high-performance, long-reach DGKat™ 2.0 wall-plate transmitter for 4K@60Hz (4:4:4) HDR HDMI 2.0 and HDCP 2.2 signals over twisted pair. It converts the HDMI input signal into a DGKat™ 2.0 signal and transmits it to a compatible receiver. WP-871xr extends the signal to up to 60m (200ft) at 4K@60Hz (4:4:4) resolution and up to 70m (230ft) at 4K@60Hz (4:2:0) 24bpp resolution over Kramer shielded cables. This wall-plate is powered through PoC (Power over Copper) over the twisted pair cable.

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## Features

- High Performance Transmitter — Professional DGKat™ 2.0 transmitter for providing long-reach signals over twisted pair copper infrastructures. WP-871xr transmitter 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 HDMI input signal into a DGKat™ 2.0 signal and transmits it to a compatible receiver. WP-871xr extends the signal to up to 60m (200ft) at 4K@60Hz (4:4:4) resolution and up to 70m (230ft) at 4K@60Hz (4:2:0) 24bpp resolution over Kramer shielded cables.
- HDMI Signal Extension — HDR, HDMI 2.0 and HDCP 2.2 compliant. Supports deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D. EDID signals are passed through from the source to the display.
- 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.
- Cost-effective Maintenance — Status LED indicator for power and connectivity facilitates easy local maintenance and troubleshooting.
- Easy and Cost-effective 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.

## APPLICATIONS

- Wall or Podium-mounted long-distance AV signal extension for classrooms
- Table-mounted long-distance AV signal extension for large room connectivity
- Wall-plate AV extension in meeting rooms, boardrooms, hotels and corporate facilities