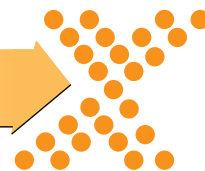


DCAT4KPoE HDBaseT Sender-Receiver Pair

4K60 HDBaseT transmission with PoE



- ✓ 3840x2160@60Hz 4:4:4 pixels resolution
- ✓ Full HDCP and EDID handling
- ✓ PoE power from Transceiver or Receiver
- ✓ Transmits HDMI, embedded audio, RS232
- ✓ HDMI loop-through service



System Characteristics

DEXON Systems provide high quality HDBaseT compatible Cat5e/Cat6 sender-receiver pair for integrated HDMI and RS232C signal transmission over long distances. The products provide full HDCP compliant signal transmission and EDID management over a single cable offering simple cabling and clear installation. The devices can cover 100m distance ensuring crystal clear video picture thanks to the full digital path between the sender and receiver equipment. Power-over-Ethernet (PoE) service for easy installation, small box size, LED indicators and energy efficient operation support demanding AV project installations.

Main Features

- HDBaseT compliant signal transceiver/receiver
- Transmits of HDCP compliant HDMI and RS232
- Supports up to 3840x2160@60Hz 4:4:4 pixels
- Covers up to 100m (330 feet) distance
- Single CAT5e or CAT6 cable with RJ45 connectors
- HDMI loop-through for local monitors
- PoE power from Transceiver or Receiver port
- Ensures perfect EDID signal path
- Results perfect crystal clear video picture

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Main Features

DCAT4KPoES - Sender device

Input Connector

- HDMI input connector with extra loop-through HDMI output
- Additional Phoenix connector for RS232

Input Signal

- HDMI 1.4 with HDCP 1.4, 2.2 specification
- RS232C

Output Connector

- HDBaseT over RJ45 for CAT5e or CAT6 cable

LED Indicators

- Power on
- HDCP authentication status
- Active connection status

Power Supply

- External +48V power supply module
- Input: 100-240VAC, 50-60 Hz
- Output: +5V DC, 3A, 15W

Size of boxes

- 146(w) x 29.5(h) x 134.6(d) mm
- 5.8" x 1.2" x 5.3"

DCAT4KPoER - Receiver device

Input Connector

- RJ45 connector for HDBaseT signals through CAT cable

Output Connector

- HDMI output connector to drive HDMI signals
- Phoenix connector for RS232 signals

Output Signal

- HDMI 1.4 with HDCP 1.4, 2.2 specification
- RS232C

LED Indicators

- Power on

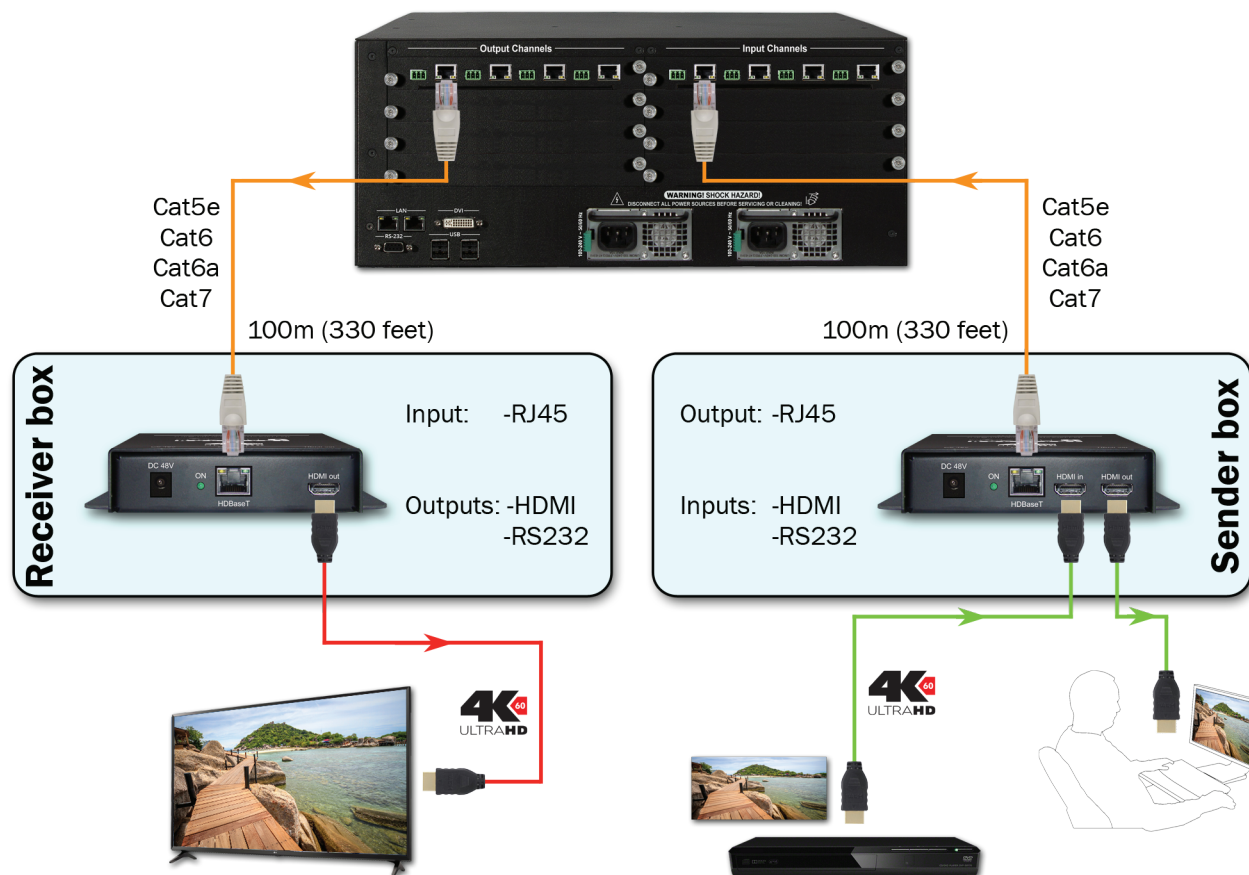
Power Supply

- External +48V power supply module
- Input: 100-240VAC, 50-60 Hz
- Output: +5V DC, 3A, 15W

Environment

- Operating temperature 5 - 40 degrees
- Operating humidity 10 - 90%

Application



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