4K HDMI 2.0 + USB 2.0 + RS232 Extender, HDCX-100

Description

The OPTICIS HDMI 2.0 HD-BaseT extender, HDCX-100 has one CAT5e or CAT6 cable connection and is designed compact enough to be fitted in to various installation environment.

The HDCX-100 with the same mechanical dimension for each of transmitter and Receiver enables to transmit the HDMI2.0 up to uncompressed 4K 60Hz (YCbCr 4:2:0), supporting all HDMI2.0 features (CEC, EDID and HDCP) including USB 2.0 and RS-232 control.

Between its transmitter and receiver, CAT5e/CAT6 connection by RJ45 Connector gives clean, secure and easy installation. The maximum extension is 100m (330feets).

Specification

- Supports **4K 60Hz** and HDMI2.0 standards

  WQUXGA (3840x2160) at 60Hz (4:2:0)

  WQUXGA (3840x2160) at 30Hz (4:4:4)

  12-bit Deep Color

  Maximum pixel clock : 300Mhz

- Transmits HDMI2.0 data up to **100m (330feet)** over one (1) CAT5e or CAT6 cable
- HDCP1.4 / 2.2 Standard
- CEC & 3DTV pass-through
- **USB2.0** for HID, Touch panel, Mass Storage and VCP
- **RS-232** control extension
- **Compact design** and bracket allows easy installation even   small space
- Plug & Play
- Certifies FCC and CE standards

Applications

- Digital Signage
- Home Theater
- Control Rooms
- Any KVM applications
- Any 4K Ultra High-definition display solutions

Technical Features

Resolution	Up to WQUXGA (3840x2160) at 60Hz (YCbCr 4:2:0)
Side Signal	USB2.0 / RS-232
Maximum distance	100m (328feet)
Cable	CAT5e/CAT6
HDCP	Support 1.4 / 2.2 Standard
Power supplying	TX / RX: External 5V/2 DC power
LED Indicators	Power(Blue), Link(Green), HDCP(Yellow)
Operating temperature	0 ~ 50℃
SIZE	44 * 73 * 25mm(WDH)

Dimension
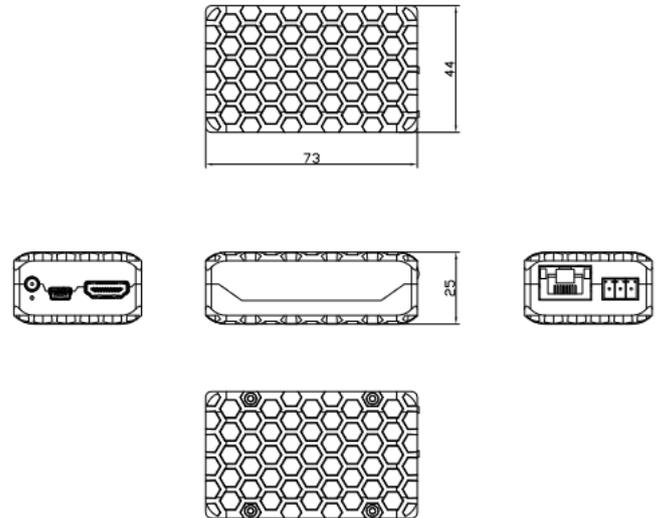
Connection Diagram
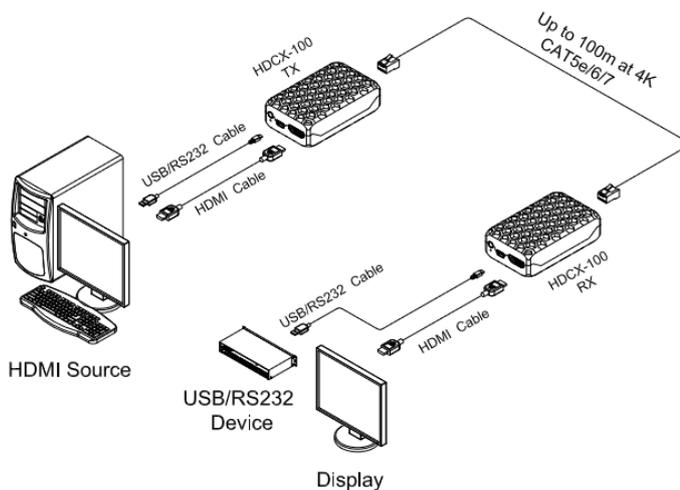
Bracket installed Diagram
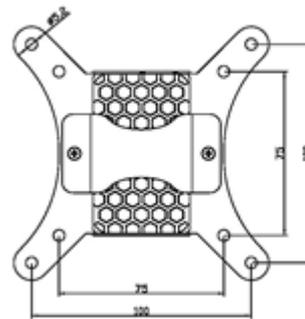
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