

# Kramer TP-583R 4K HDR HDMI Extender (Receiver) with RS-232/IR over Long-Reach HDBaseT

## INPUTS

- 1 HDBT: On an RJ-45 connector

## OUTPUTS

- 1 HDMI: On a female HDMI connector

## PORTS

- 1 RS-232: On a 3-pin terminal block connector for serial link extension
- 1 IR: On a 3.5mm mini jack connector

## STANDARD COMPRESSION EXTENSION

- Up to 40m (130ft) at 4K@60Hz (4:4:4)
- Up to 70m (230ft) at 4K@60Hz (4:2:0) or full HD (1080p @60Hz 36bpp)

## HIGH COMPRESSION EXTENSION

- Up to 70m (230ft) at 4K@60Hz (4:4:4), 4K@60Hz (4:2:0), or full HD (1080p @60Hz 36bpp)
- Note: When using recommended Kramer cables
- Standards Compliance: HDBaseT 1.0

## VIDEO

- Max Data Rate: Up to 18Gbps (6Gbps per graphic channel)
- Standard Compression Max Resolution:4096x2160@60Hz (4:4:4) 24bpp
- High Compression Max Resolution:3840x2160@60Hz (4:4:4) 24bpp
- Compliance: HDMI 2.0, HDCP 2.2, HDR 10

## EXTENDED BIDIRECTIONAL RS-232

- 300 to 115200 baud rate

## EXTENDED BIDIRECTIONAL IR

- 20kHz to 100kHz frequency

## USER INTERFACE

- Indicators: IN, OUT, LINK and ON LEDs
- Controls: DIP-switches

## POWER

- Source: 12V DC, 2A
- Consumption: 680mA

## 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

## REGULATORY COMPLIANCE (STANDARDS COMPLIANCE)

- Safety: CE, UL
- Environmental: RoHs, WEEE

## ENCLOSURE

- Size: DigiTOOLS®
- Type: Aluminum
- Cooling: Convection ventilation

## ACCESSORIES

- Included: Power adapter, power cord, bracket set

## PRODUCT DIMENSION

- 12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96" ) W, D, H

## PRODUCT WEIGHT

- 0.3kg (0.6lbs) approx.

**SHIPPING DIMENSION**

- 15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H

**SHIPPING WEIGHT**

- 0.7kg (1.5lbs) approx.