



KRAMER

TP-580R

4K60 4:2:0 HDMI HDCP 2.2 Receiver with
RS232 & IR over Long-Reach HDBaseT

| HDMI | Ethernet - RJ-45 | HDBaseT
| 4K/60 UHD (4:2:0)



The TP580R is a 4K UHD, twisted pair receiver for HDMI, bidirectional RS232 and IR signals. It supports resolutions up to 4K@60 UHD (4:2:0). The TP580T converts HDMI, RS232, and IR signals into a twisted pair signal that it transmits to a TP580R receiver. The TP580R converts the twisted pair signal back into HDMI, bidirectional RS232 and IR signals

FEATURES

Resolution Support - Up to 4K@60 UHD (4:2:0)

Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel)

HDTV Compatible

HDCP Compliance

HDBaseT™ Technology

HDMI Support - Deep Color, x.v.Color™, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS HD, CEC

3D Pass-Through

EDID PassThru - Passes EDID signals between the source and display

Bidirectional RS-232 & IR Interface - Commands and data can flow in both directions via the RS232 interface, allowing status requests and remote control of the destination unit

System Range - 70m (230ft) @1080p, 40m (130ft) @4K

Cable - For optimum range and performance using HDBaseT™, use Kramer's BCHDKat6a cable. Note that the transmission range depends on the signal resolution, source and display used. The distance using nonKramer CAT 6 cable may not reach these ranges

Indicators - Status LEDs for input, output, link and power

Compact DigiTOOLS® - 3 units can be rack mounted sidebyside in a 1U rack space with the optional RK3T universal rack adapter



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TECHNICAL SPECIFICATIONS

INPUTS:	1 twisted pair RJ45 connector
OUTPUTS:	1 HDMI connector
PORTS:	1 IR on a 3.5mm mini jack, 1 RS232 on a 9pin Dsub connector
BANDWIDTH:	10.2Gbps (3.4Gbps per graphic channel)
RS-232 BAUD RATE:	115200
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP
POWER CONSUMPTION:	12V DC, 430mA
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 noncondensing
PRODUCT DIMENSION:	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
PRODUCT WEIGHT:	0.2kg (0.4lbs) 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 (1.6lbs) approx
INCLUDED ACCESSORIES:	2 power supplies
OPTIONS:	RKT2B 19" rack mount, Kramer external IR sensor (P/N: 950104050), Kramer IR emitter cable (P/N: CA35/IRE10), Kramer BCHDKat6a cable

