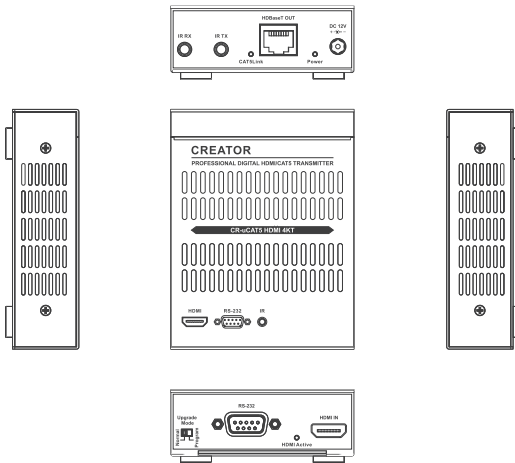


CR-uCAT5 HDMI 4KT

H-CAT series HDMI/CAT5 transmitter



CR-uCAT5 HDMI 4KT



Size (mm):
104.8 (L) × 80 (W) × 29 (H)

Product overview

The CR-uCAT5 HDMI 4KT provides a simple and reliable solution for extending 4Kx2K video, audio, and control signals up to 330 feet (100 meters) over a single CAT5e/6.

The CR-uCAT5 HDMI 4KT's compact low-profile design enables discreet installation behind the source device or the display device.

Features

- Extends uncompressed digital video, audio, and control signals up to 330 feet (100 meters) over a single CAT5e twisted-pair cable.
- Compatible with HDMI1.4a, DVI1.0, and HDCP.
- Works reliably without any programming or configuration.
- Handles Full HD 1080p video with Deep Color and 3D.
- Handles 4K video resolutions up to 230 feet (70 meters).
- Passes CEC, EDID and HDCP.
- Includes universal IR emitter up to 38kHz.
- Extends bidirectional RS-232 up to 115200 bps.
- 12VDC power pack included.
- Compatible with HDMI and DVI display devices.

Specifications

The parameter name		CR-uCAT5 HDMI 4KT
HDMI video input	Interface	HDMI-A interface
	Supported protocols	HDMI1.4a, HDCP1.3, EDID1.4
	PIXEL bandwidth	More than 225MHz, full digital
	Interface bandwidth	More than 6.75Gbps
	Maximum supported resolution	NormalPC: 4K×2K HDCP: 4K×2K HDTV: 4K×2K
	Video cable maximum input distance	Less than 7 meters, at 4K×2K (recommend the use of certified HDMI special wire, such as the Molex TM wire)
	Signal type	HDMI 1.4a / T.M.D.S full digital signal
	Signal strength	T.M.D.S. +/- 0.4Vpp
	Minimum / maximum level	T.M.D.S. 2.9V/3.3V
	Audio input	Via HDMI signal
Impedance	The difference of 100	
Serial port control	Serial port control	RS-232
	Baud rate	Maximum ± 5mV
Infrared interface	Infrared control	IR (3.5MM Headset seat)
	IR frequency	38KHz

Specifications

The parameter name		CR-uCAT5 HDMI 4KT
H-CAT output	Interface	High speed RJ45
	Transmission distance	Up to 100m if use CAT5e/6 shielded cable
Specifications	Power supply	DC 12V/1.5A
	Maximum power consumption	3W

System connection diagram

