

CR-E70CT

4K HDBaseT transmitter



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Product overview

CR-E70CT is a transmitter which uses HDBaseT technology to extend the HDMI signal and bi-directional IR control signal to 70 meters via a single Cat 5e/6 cable. This product converts the HDMI signal into a standard HDBaseT signal and then transmits it through the LAN cable. It can easily control the signal source device or display device from the remote end via bi-directional IR signal pass-through. It supports RS-232 signal pass-through, and the resolution is up to 4K×2K@30Hz. This product can be widely used in video conference system, multimedia broadcasting, HDMI signal extension and other fields.

CR-E70CT offers ideal solutions for homes, offices, digital entertainment centers, control centers, conference rooms, schools and corporate training environments, where require HDMI source and transmission over long distance.

Features

- HDMI 1.4 and HDCP 2.2 compliant
- Transmission distance: ※Over CAT6 cable
70 meters: 1080P @60Hz36bit; 3D1080P@30Hz36bit;
40 meters: 1080P @60Hz@48bit; 1080P @120Hz@24bit;
3D1080P@60Hz@36bit; 4K x 2K@30Hz@24bit.
- Support video resolution up to 4k2k@30Hz
- Support 10.2Gbps video bandwidth
- Support POC (Power Over Cable) function, it means that either the transmitter or receiver is connected to 12V/1A power supply, the other doesn't need power supply
- With bi-directional IR and RS-232 control signal pass-through
- Compact design for easy and flexible installation

Specifications

The parameter name	CR-E70CT		
HDMI Compliance	HDMI 1.4	Interface	Input: 1×HDMI Type A [19-pin female] Output: 1×HDBT Out [RJ45] Control: 1×IR In [3.5mm Stereo Mini-jack] 1×IR Out [3.5mm Stereo Mini-jack] 1×RS-232 [Phoenix connector] Mini-jack]
HDCP Compliance	HDCP 2.2		
Video Bandwidth	10.2Gbps	Housing	Metal Enclosure
Temperature	Operating: 32 - 104°F / 0 - 40°C Storage: -4 - 140°F / -20 - 60°C		
Relative Humidity	20 - 90% RH (no condensation)	Dimensions	120mm (W)×74mm (D)×16mm (H)
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)	Power Consumption	10W (Max)
Video Resolutions	Up to 4K×2K@30Hz 4:4:4	Color	Black
Transmission Mode	HDBaseT	Power Supply	Input: AC 100 - 240V 50/60Hz Output: DC 12V/1A (US/EU standards)
Transmission Distance	1080P≤70m; 4K×2K≤40m	Weight	240g

Diagram

