

CR-uCAT5 WP70T

4K HDBaseT Transmitter



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Product overview

CR-uCAT5 WP70T HDMI Wall-plate supports one HDMI input and analog audio input within a standard 86mm×86mm wall box. The HDBaseT port over a single CAT6/6a cable can extend transmission distance up to 230ft / 70m for 1080P signal or 131ft / 40m for 4K signal. The video resolution is up to 4K@60Hz 4:4:4. It supports audio embedding, and the reciver supports audio de-embedding. This product supports two-way IR and RS-232 signal control, EDID management and 24V POC function. It can be directly connected with an HDBT projector via a 70m CAT cable.

CR-uCAT5 WP70T 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 2.0b and HDCP 2.2 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K@60Hz 4:4:4
- Transmission distance can be extended up to 230ft / 70m for 1080P signal or 131ft / 40m for 4K signal via a single CAT6/6a cable
- Transmitter supports audio embedding, Reciver supports audio de-embedding
- Support two-way IR and RS-232 control
- Standard 86mm×86mm wall box
- POC 24V or local DC 24V power supply

Specifications

The parameter name	CR-uCAT5 WP70T
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolution	Up to 4K@60Hz 4:4:4
Video Compression Standard	HDBT
Color Space	RGB, YCbCr 4:4:4 / 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12bit
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
IR Level	5Vp-p
IR Frequency	Wideband 20K-60KHz
Color Depth	8/10/12bit
Audio Formats	HDMI: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD Analog: PCM 2.0
ESD Protection	Human body model : ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Transmission Distance	1080P--70m, 4K --40m (CAT6/6a)

Specifications

The parameter name	CR-uCAT5 WP70T
Input interface	1×HDMI IN [Type A, 19-pin female], 1×AUDIO IN [3.5mm Stereo Mini-jack]
Output interface	1×HDBaseT OUT [RJ45]
Control interface	1×RS-232 [Phoenix jack], 1×IR IN [3.5mm Stereo Mini-jack], 1×IR OUT [3.5mm Stereo Mini-jack] 1×SERVICE [Micro-USB jack]
Housing	Aluminium Enclosure — Front Panel Metal Enclosure — Rear Panel
Color	White — Front Panel Black — Rear Panel
Dimensions	86mm[W] x 86mm[D] x 38mm[H]
Weight	185g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	9W (POC)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

Diagram

