CR-UCAT HDMI70R

4K HDBaseT receiver



CR-UCAT HDMI70R

Product overview

CR-UCAT HDMI70R is a receiver 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.

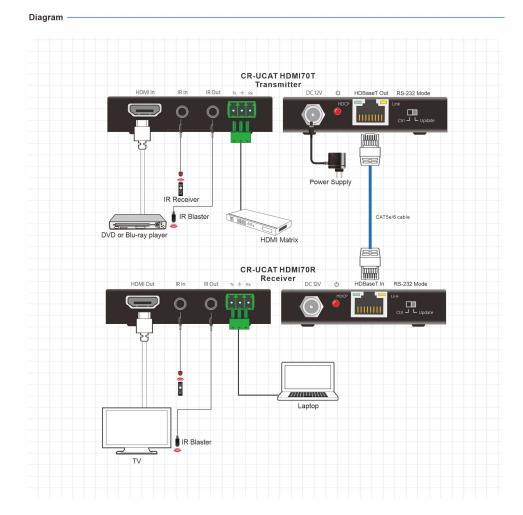
CR-UCAT HDMI70R offers ideal solutions for homes, offices, digital entertainment centers, control centers, conference rooms, schools and corporate training environments, where require HDMI source and

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@35bit; 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-UCAT HDMI70R | | |
|-----------------------|---|-------------------|---|
| HDMI Compliance | HDMI 1.4 | Interface | Input: 1×HDBT Out [RJ45] Output: 1×HDMI Type A [19-pin female] Control: 1×IR In [3.5mm Stereo Mini-jack] 1×IR Out [3.5mm Stereo Mini jack] 1×RS-232 [Phoenix connector] |
| HDCP Compliance | HDCP 2.2 | | |
| Video Bandwidth | 10.2Gbps | | |
| Temperature | Operating: 32 - 104°F / 0 - 40°C Storage: -4 - 140°F / -20 - 60°C | Housing | Metal Enclosure |
| 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 |



43