

B-500-EXT-230-RS

Binary™ Single CAT5e/6 HDBaseT Extender (230 ft.)

BINARY



DESCRIPTION

A robust solution that's powered by HDBaseT™ technology, this Binary™ HDMI Extender really goes the distance. It transmits audio and video signals up to 230 feet – with no loss in resolution quality. That's 100 feet farther than a basic HDMI extender, so it's perfect for applications where the TV can't be located near the equipment rack. Offering the flexibility of bi-directional POC (power over cable) that eliminates the need for bulky power supplies, these extenders also offer robust control options, easy firmware upgrades, and built-in ESD and surge protection all help to separate this extender from the pack.

Ultra-Reliable Technology

Powered by the most robust, reliable technology on the market, this extender is significantly less susceptible to interference. It provides strong signals and top-notch performance, and has built-in ESD and surge protection that exceeds CE Level 3 standards.

Extended Transmission

Sending signals to a TV located far away from the equipment rack isn't a problem. HDBaseT technology gives this extender a full 230 feet of range, ensuring that audio and video is transmitted effectively over longer distances.

Simple Control

Thanks to robust control system integration, sending a signal from the TV back to the cable box, DVD player or other piece of equipment is as easy as picking up the remote and pointing.

2-YEAR LIMITED WARRANTY

This Binary™ product has a 2-year limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).

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SPECIFICATIONS

| TECHNICAL | Transmitter | | Receiver | |
|----------------------------|--|-------|----------------|--|
| HDMI Compliance | HDMI 3D | | | |
| HDCP Compliance | Yes | | | |
| Video Bandwidth | 10.2Gbps | | | |
| HDMI over UTP Transmission | Resolution | Cat5e | Cat6/ Cat6a | |
| | 1080i /720p 24-bit color | 200ft | 230ft | |
| | Full HD 1080P 24-bit color | 200ft | 230ft | |
| | Full HD 1080P 36-bit deep color | 200ft | 230ft | |
| Input TMDs Signal | 5 Volts (peak-to-peak, TTL) | | | |
| Input DDC Signal | 1.2 Volts (peak-to-peak) | | | |
| ESD Protection | (1) Human body model — ±15kV (air-gap discharge) & ±8kV (contact discharge) (2) Core chipset — ±8kV | | | |
| IR Signal (Bi-directional) | Carrier frequency: 20-60kHz | | | |
| Power Transmission | Bi-Directional Power over Category Cable (PoC) | | | |
| | Power can be inserted at either TX or RX to power up both ends. | | | |
| CONNECTIONS | | | | |
| HDBaseT Link | 1x RJ45 | | 1x RJ45 | |

| | Transmitter | Receiver |
|-------------------------------|--|--------------------------------|
| HDMI | 1x HDMI Type A (19-pin female) | 1x HDMI Type A (19-pin female) |
| IR Receiver (In) | --- | 1x 3.5mm Stereo |
| IR Control In | 1x 3.5mm Mono | --- |
| IR Flasher (Out) | 1x 3.5mm Mono | 1x 3.5mm Mono |
| RS232 Pass-Through | DB9 | DB9 |
| Power | Latch-Locking | Latch-Locking |
| CONTROLS | | |
| Dipswitch 1 | RS232 Pin Configuration (DCE or DTE) | |
| Dipswitch 2 | RS232 Operation Mode (Pass-Through or Firmware Update) | |
| MECHANICAL | | |
| Housing | Metal enclosure | |
| Dimensions | 1.3" H x 6.25" W x 3.1" D | |
| Weight | 1.1 lbs. | |
| Power Supply | 24V DC 1A | |
| Power Consumption | 12 watt (max) | |
| Operation Temperature | 32-104°F | |
| Storage Temperature | -4-140°F | |
| Relative Humidity | 20-90% RH (no condensation) | |
| Certifications and Compliance | Product: CE, FCC, Rohs | |
| | Power Supply: CE, FCC, Rohs, UL | |