

## B-500-EXT-330-RS-IP

Binary™ Single CAT5e/6 HDBaseT Extender (330 ft.)

# BINARY



## DESCRIPTION

A robust solution that's powered by HDBaseT™ technology, this Binary™ HDMI Extender really goes the distance. It transmits audio, video and Ethernet signals up to 330 feet – with no loss in resolution quality. That's 200 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, plus it 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 330 feet of range, ensuring that audio, video and Ethernet signals are 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	330ft		
	Full HD 1080P 24-bit color	330ft		
	Full HD 1080P 36-bit deep color	330ft		
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.			
<b>CONNECTIONS</b>				
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
Ethernet (10/100 BaseT)	1xRJ45	1xRJ45
Power	Latch-Locking	Latch-Locking
<b>CONTROLS</b>		
Dipswitch 1	RS232 Pin Configuration (DCE or DTE)	
Dipswitch 2	RS232 Operation Mode (Pass-Through or Firmware Update)	
<b>MECHANICAL</b>		
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	