

AV-825

HDMI/IR over single Cat6 with Power-over-Cable

The AV-825 extends HDMI with IR control signals up to 50 meters (164 ft) over a single Cat6 cable with Power-Over-Cable feature, so that Receiver does not



need external power supply. Also features EDID management, which allows customizable integration. DTS-HD or Dolby TrueHD audio is supported and compatible with the extender. In addition, the extender is equipped with local HDMI-Out which allows for source control. The AV-825 offers the most convenient solution for HDMI extension over a single Cat5e/6 with long distance capability, and is the perfect solution for any application.

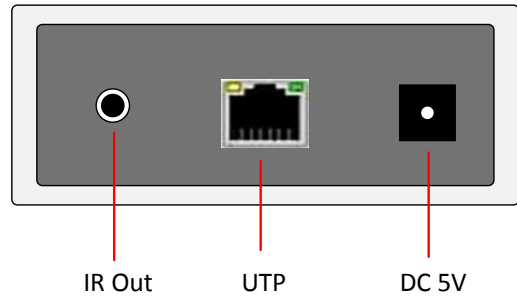
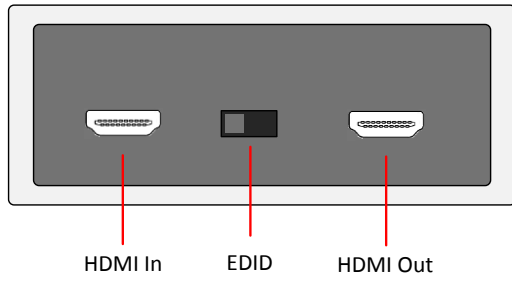
Features

- ❖ Allows HDMI Audio/Video and IR signals to be transmitted over a single Cat5e/6 cable.
- ❖ Support copy EDID from Receiver display or Transmitter loop out display.
- ❖ Allows for cascading via additional HDMI loop out port.
- ❖ Support Power-over-cable, so that Receiver does not need external power supply.
- ❖ Extends 1080p resolution up to 50m/164ft.
- ❖ Compact design for an easy and flexible installation.

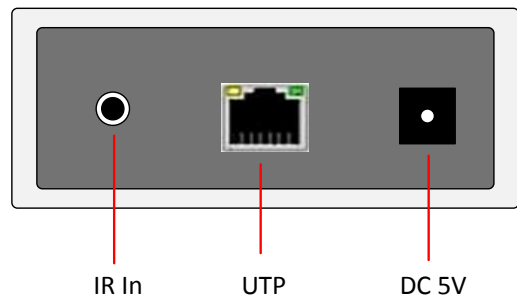
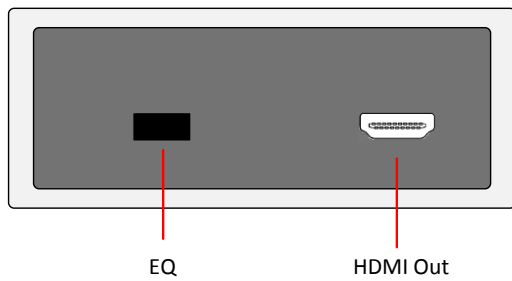
Specification

Model		AV-825T Transmitter	AV-825R Receiver
Connectors	HDMI In	1(Female)	NA
	CAT In	NA	1
	IR In	NA	1
	HDMI Out	1 (Female)	1(Female)
	CAT Out	1	NA
	IR Out	1	NA
Video Bandwidth		Single-link 165Mhz, 4.95Gbps	
Video Support		480i/480p/720p/1080i/1080p @60	
Audio Support		Surround Sound (up to 7.1 ch) or stereo digital audio	
Maximum Distance		HD [1080p 24-bit color] – up to 50m [164ft]	
Input TMD5 Signal		3.3 volts	
Input DDC Signal		5.0 volts/P-P	
ESD Protection		Human Body model: ± 8 kV (air-gap discharge) ± 4 kV (contact discharge)	
Power Supply		5V/ 1A DC	
Power Consumption		1.5W (Tx). 1W (Rx)	
Environment	Operating Temp.	0~40°C	
	Storage Temp.	-20~60°C	
	Humidity	20~90% Non-condensing	
Physical Properties	Housing	Metal (Black)	
	Weight	110g	
	Dimensions	79(L) x 67(W) x 17(H) mm	

Front & Rear View AV-825T Transmitter



Front & Rear View AV-825R Receiver



Diagram

