



# 1080P@60hz 150m HDMI HDR HDBaseT Extenders

Model: EXT-HB-150C



## INTRODUCTION

EXT-HB-150C HDMI Extender with Loopout can extend HDMI signal over 500 feet/150 meters to an HDMI compatible display via single Cat5e/6 cable.

It also supports bi-directional Infrared control signal and RS-232 transmission together with HDMI signal, it can allow you to easily control your DVD player at TV side or control your TV at the DVD player side when using this extender.

## I/O INTERFACE

Transmitter: Inputs: 1x HDMI Type A, 1x IR INPUT, 1x RS232, Outputs: 1x HD BaseT Out , 1x HDMI Type A , 1x IR OUTPUT

Receiver: Inputs: 1x HD BaseT In, 1x IR INPUT, Outputs: 1x RS232, 1x HDMI Type A, 1x IR OUTPUT

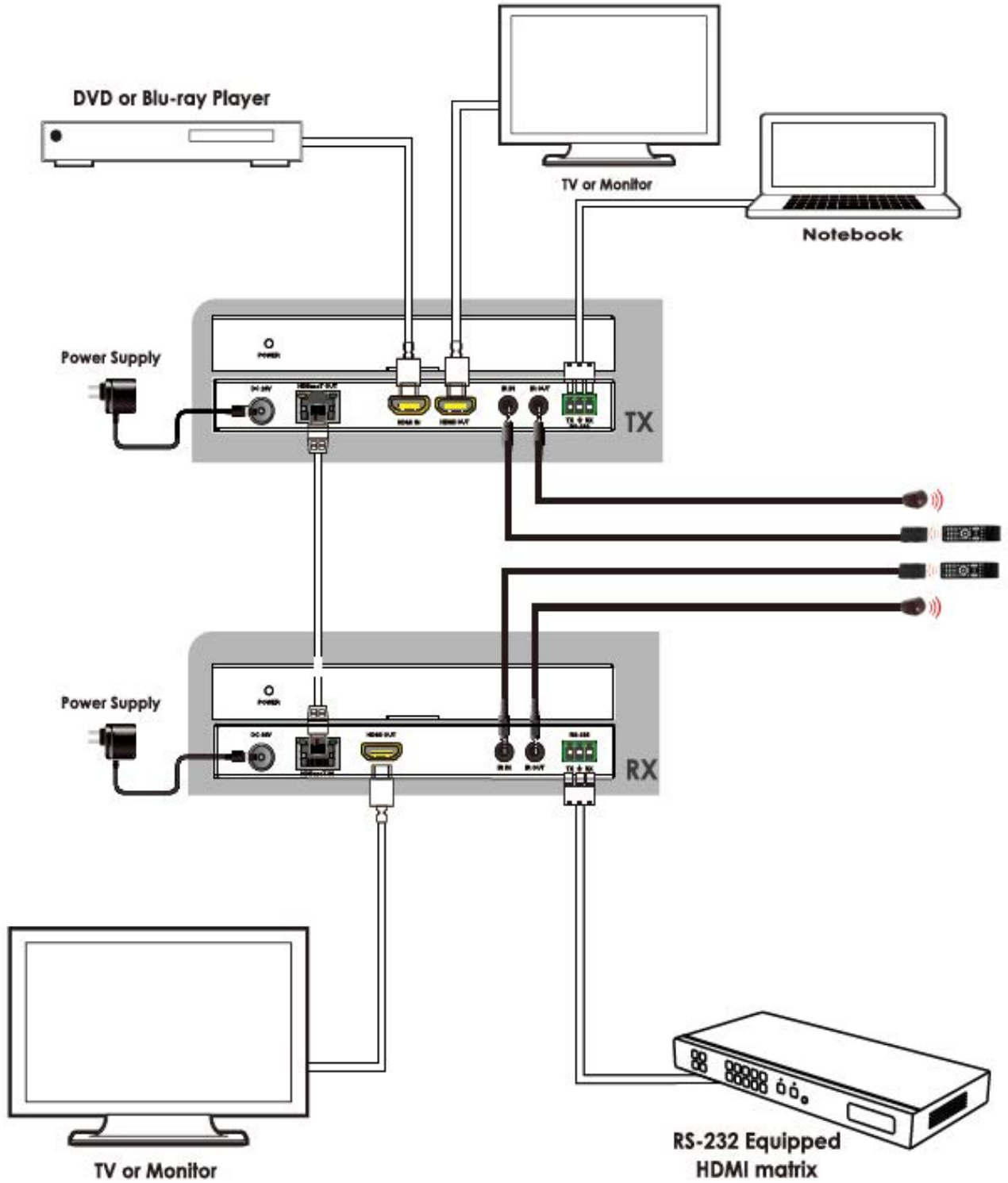
## FEATURES

- HDMI 1.4, HDCP 1.4 and DVI compliant.;
- Video resolutions up to 1080p@60Hz (YUV4:4:4);
- HDMI High Bit Rate(HBR) audio pass through;
- 150 meters transmission distance over CAT6 cable;
- POC (Power over Cable), either TX or RX is powered by one 24V@1A power supply;
- Bi-directional infrared control and RS232 signal transmission.





## DIAGRAM





## SPECIFICATIONS

Technical	
HDMI Compliance	HDMI 1.4
HDCP Compliance	HDCP 1.4
Video Bandwidth	165MHz
Video Resolutions	up to1080P @60Hz YUV4:4:4、 RGB4:4:4
Color Depth	8-bit
Color Space	RGB, YUV4:4:4, YUV 4:2:2
HDMI Audio Formats	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby True HD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) ,±4kV (Contact discharge)
Connections	
Transmitter	Inputs: 1x HDMI Type A [19-pin female] 1x IR INPUT [3.5mm Stereo Mini-jack] 1x RS232 [Phoenix jack] Outputs: 1x HD BaseT Out [RJ45] 1x HDMI Type A [19-pin female] 1x IR OUTPUT [3.5mm Stereo Mini-jack]
Receiver	Inputs: 1x HD BaseT In [RJ45] 1x IR INPUT [3.5mm Stereo Mini-jack] Outputs: 1x RS232 [Phoenix jack] 1x HDMI Type A [19-pin female] 1x IR OUTPUT [3.5mm Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	140mm(W)×65mm(D)×18mm(H)
Weight	481g
Power Supply	Input: AC100~240V 50/60Hz Output: DC24V/1A(US/EU standards, CE/FCC/UL certified)
Power Consumption	6W (max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)