

150M HDBaseT User Manual



VER: V6.0

Introduction:

This product is using the next-generation connectivity technology HDBaseT™, it uses no delay, no compression transmission technology, support 1920*1200 @60Hz extend 150m over Cat6, otherwise pass-thru RS232 and IR. It only can be used in pair. Widely used in home theater, exhibition display and command center, etc.

Features:

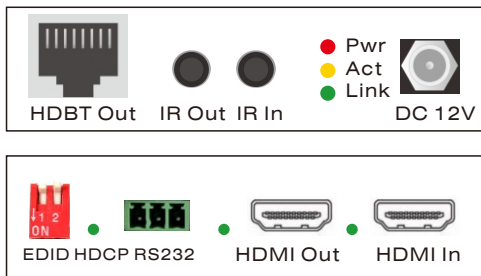
- Support HDMI 1.3.
 - Support 1920*1200@60Hz, 1920x1080@60Hz.
 - Transmitter 5.3Gbps HDMI signal, IR and RS232 over one Cat6 cable.
 - Support 7.1 channel and LPCM, Dolby TrueHD, DTS-HD Master Audio.
 - Support EDID&HDCP pass-thru.
 - Support RS232 pass-thru, baud rate: 110~115200bps.
 - Easy installation.
 - No compression, no delay.
 - Support POC single-end power supply.
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Package list:

- 1x Sender
- 1x Receiver
- 1x User manual
- 2x RS232 connector
- 1x 12V 1A power supply

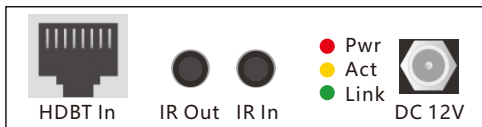
Interface:

Sender



- HDBT Out: HDBaseT output, connect to net cable;
- IR Out: IR output, connect to IR OUT cable;
- IR In: IR input connect to IR IN cable;
- Pwr: power light, red, always on;
- Act: activity light, yellow, one flash a second;
- Link: link light, green, if sender connected to Receiver, it is always on;
- DC 12V: Power connector, connect to 12V/1A;
- HDMI In: HDMI input, connect to HDMI source;
- HDMI Out: HDMI output, connect to HDMI display;
- Signal: Signal light, when signal has HDCP, always on, otherwise flash fast;
- RS232: RS232 connector;

Receiver



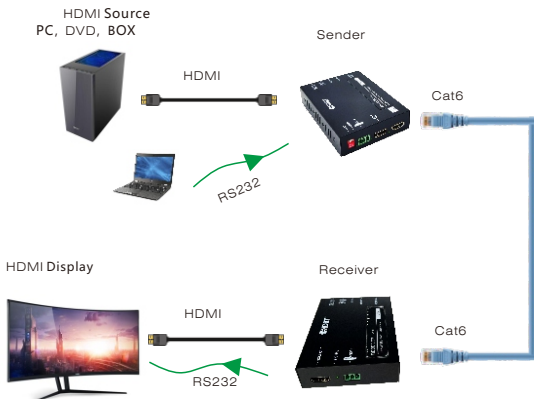
- HDBT In: HDBaseT input, connect to net cable;
- IR Out: IR output, connect to IR OUT cable;
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- DC 12V: Power connector, connect to 12V/1A;
- HDMI Out: HDMI output, connect to HDMI display;
- Signal: Signal light, when signal has HDCP, always on, otherwise flash fast;
- RS232: RS232 connector;

Specification:

Vedio	Version	HDMI1.3
	Bandwidth	5.3Gbps
	Deep color	8Bit
	Support Resolution	1920*1200@60Hz 1920*1080@60Hz
	Connector	Type A HDMI female
	Impedance	100ohm
	HDMI Cable	15meter
IR	Specification	Support 0~38Khz
RS232	Connector	Phoenix
	Direction	Bidirection
	Baud rate	Max 115200bps
HDBaseT	Connector	RJ45
	Distance	1920*1200@60Hz extend 150m by Cat6
	Bandwidth	5.3Gbps
	Version	V1.0
Other	Power	DC 12V/1A*1
	Consumption	>5W
	Temperature	-20℃~70℃
	Humidity	0%~95%
	Storage Tem	-40℃~85℃
	Work time	7*24h

Connection:

1、 Used in pair



Note: 1、 Suggest to using Cat6 net cable! !
2、 Single-use need to cancel POC, contact to factory! !