

INTRODUCTION

This slim/lite version HDMI extender which is using the advanced HDBaseT technology. It can transmit the HDMI signal, bi-directional IR and RS232 signal over single LAN cable (recommended the STP Cat5e/6/7) up to a long distance and only need to power one side. It also can work with other HDBaseT equipment, such as Sony HDBaseT projector. For the 1080P60Hz resolution, it can transmit to a distance of **100m/328ft**, for 4K60Hz (4:2:0) it can up to **100m/328ft**. This extender kit can support the EDID and the CEC pass-through, compliant with HDMI2.0, HDCP2.2.

It can be popularly used in media conferencing room, school, government, cinema and so on applications.



4K60(4:2:0) Support	Long Distance Transmission	Over Cat5e/Cat6/7	Power over Cable	EDID Pass-through	IR & RS232 Control	HDMI Loop Out	CEC Supported	Stable & Reliable Transmission

FEATURES

- ✓ Uses the HDBaseT technology extension over single CAT5e/6/7
- ✓ Supports FULL HD, UHD, 3D, 4K60(4:2:0)
- ✓ HDCP2.2, HDMI2.0
- ✓ Bidirectional IR & RS232 control signal transmission
- ✓ Power over Cable (POC) locally powered over Cat5e/6 cable at either end
- ✓ Supports 7.1 DTS Master HD, Dolby True HD
- ✓ LED indicators, EDID pass-through
- ✓ Supports CEC control

PACKAGE CONTENTS

- 1 × HDMI Transmitter
- 1 × HDMI Receiver
- 1 × IR Blaster Cable (1.5 meters)
- 1 × IR Receiver Cable (1.5 meters)
- 1 × 12V/1.5A DC Power Adapter
- 1 × User Manual

SPECIFICATIONS

Item	HDBT-HD-100T-LITE (Transmitter)	HDBT-HD-100R-LITE (Receiver)
Description	HDMI 100m HDBaseT Transmitter	HDMI 100m HDBaseT Receiver
Input Port	1×HDMI, 1×RS232, 1×IR-TX, 1×IR-RX	1×HDBaseT
Output Port	1×HDBaseT	1×HDMI, 1×RS232, 1×IR-TX, 1×IR-RX
Standard Protocol	Support HDMI2.0 and compatible with HDCP2.2	
Resolution	1920 × 1200, 1680 × 1050, 1360 × 768, 1280 × 800, 1920 × 1080, 1600 × 900, 1366 × 768, 1280 × 720, 1024 × 576, 1920 × 1200, 1680 × 1050, 1360 × 768, 1280 × 800, 4096 × 2160@30Hz, 3840 × 2160@30Hz, 3840 × 2160@60Hz	
Bandwidth	10.2Gbps	
Distance	1080p60: up to 100m/328ft (Cat6/6A/7)	4K60(4:2:0): up to 100m/328ft (Cat6/6A/7)
Dimension (L×W×H)	115 × 84 × 16 mm / 4.52 × 3.30 × 0.63 inch (Tx / Rx)	
Weight	160g (Tx / Rx) / 0.35 lbs	
Power	AC: 100–240V 50/60Hz DC: 12V 1.5A	
Consumption	≤ 10W	
Work Temp	0° C ~ 50° C	
Storage Temp	-20° C ~ 55° C	

CONNECTION DIAGRAM

