



SEB-100R RECEIVER

SEB-100T TRANSMITTER



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 distance of 100m/330ft, for 4K60Hz (4:2:0) it can up to 70m/220ft.

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.

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.

SPECIFICATIONS

Model	SEB-100T	SEB-100R
Description	HDMI 100m HDBaseT Transmitter	HDMI 100m HDBaseT Receiver
Input Port	1xHDMI, 1xRS232, 1xR-TX, 1xR-RX	1xHDBaseT
Output Port	1xHDBaseT	1xHDMI, 1xRS232, 1xR-TX, 1xR-RX
Standard Protocol	Support HDMI2.0 and compatible with HDCP2.2	
Resolution	1920x1200, 1680x1050, 1360x768, 1280x800, 1920x1080, 1600x900, 1366x768, 1280x720, 1024x576, 1920x1200, 1680x1050, 1360x768, 1280x800, 4096x2160@30Hz, 3840x2160@30Hz, 3840x2160@60Hz	
Bandwidth	10.2Gbps	
Distance	1080p60 distances to 100m/330 feet, 4K60(4:2:0) distances to 70m/220 feet	
Work Temp	0°C ~50°C	
Storage Temp	-20°C ~55°C	
Consumption	≤ 10W	
Power	AC: 100-240V 50/60Hz DC: 12V 1.5A	
Dimension	115*84*16mm	
Weight	160g	

Certifications : CE | CB | RoHS

CONNECTION DIAGRAM

