

TECHNICAL SPECIFICATION

D1H4B-200



Description: HDBaseT HDMI 2.0 1x4 4K Splitter

Why This Product? This 18Gbps HDMI 1x4 HDBaseT Splitter can distribute 1 source signal to any 4 display devices.



Key Features

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- 18Gbps video bandwidth
- Video resolution up to 4K2K@60Hz 4:4:4
- Supports HDR, HDR10+, HLG and Dolby vision
- Supports up to 7.1CH HD audio pass-through
- Digital and analog audio de-embedded output
- Extend the signal transmission distance up to 120 meters at the resolution of 4K2K@60Hz, 150 meters at 1080P@60Hz via a single CAT6/6a/7 cable
- 1 HDMI input, 1 HDMI loop output and 4 HDBaseT outputs.
- IR, RS-232 routed to HDBaseT output
- Advanced EDID management
- Support one-way POC function (only from transmitter to receiver)
- Compact design for easy and flexible installation

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HDMI 1x4 HDBaseT Splitter, 18Gbps

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Disclaimer: Conditions of use may vary. Information is subject to change without notice.

Specifications

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	594MHz/18Gbps
Video Resolution	Up to 4k2k@60Hz 4:4:4
Color Depth (1080P@60Hz)	8-bit,10-bit,12-bit
Color Depth (4K@60Hz YUV4:4:4)	8-bit
Color Depth (4K2K@60Hz YCbCr 4:2:2/4:2:0)	8-bit,10-bit,12-bit
Color Space	RGB 4:4:4, YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDR	HDR, HDR10+, HLG, Dolby vision
HDMI Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus(DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
Coaxial Audio Formats	PCM2.0, Dolby Digital / Plus, DTS 2.0/5.1
Analog Audio Formats	PCM 2.0CH
ESD Protection	Human body model—±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Mechanical

Housing	Metal Enclosure
Silkscreen Color	Black
Dimensions Transmitter	220mm (W) × 130mm (D) × 40mm (H)
Dimensions Receiver	140mm (W) × 65mm (D) × 18mm (H)
Weight	Transmitter: 853g, Receiver: 246g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 24V/2.7A
Power Consumption	35W
Operation 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)
Certification	US/EU standards, CE/FCC/UL

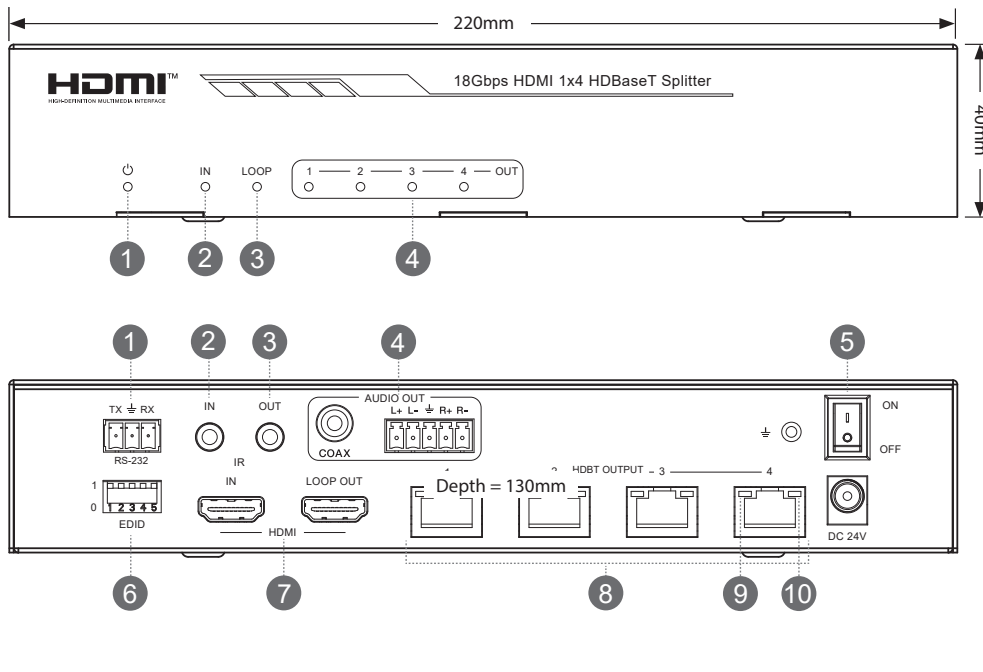
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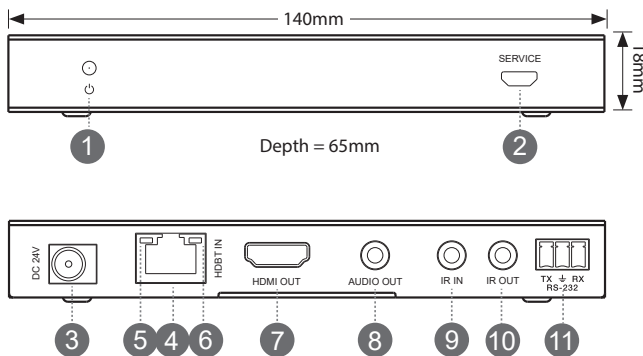
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Transmitter



Receiver



- 1. Power Indicator
- 2. Firmware Port
- 3. DC 24V
- 4. HDBaseT IN
- 5. Connection Signal Indicator
- 6. Data Signal Indicator
- 7. HDMI OUT
- 8. Audio OUT
- 9. IR IN
- 10. IR OUT
- 11. RS-232

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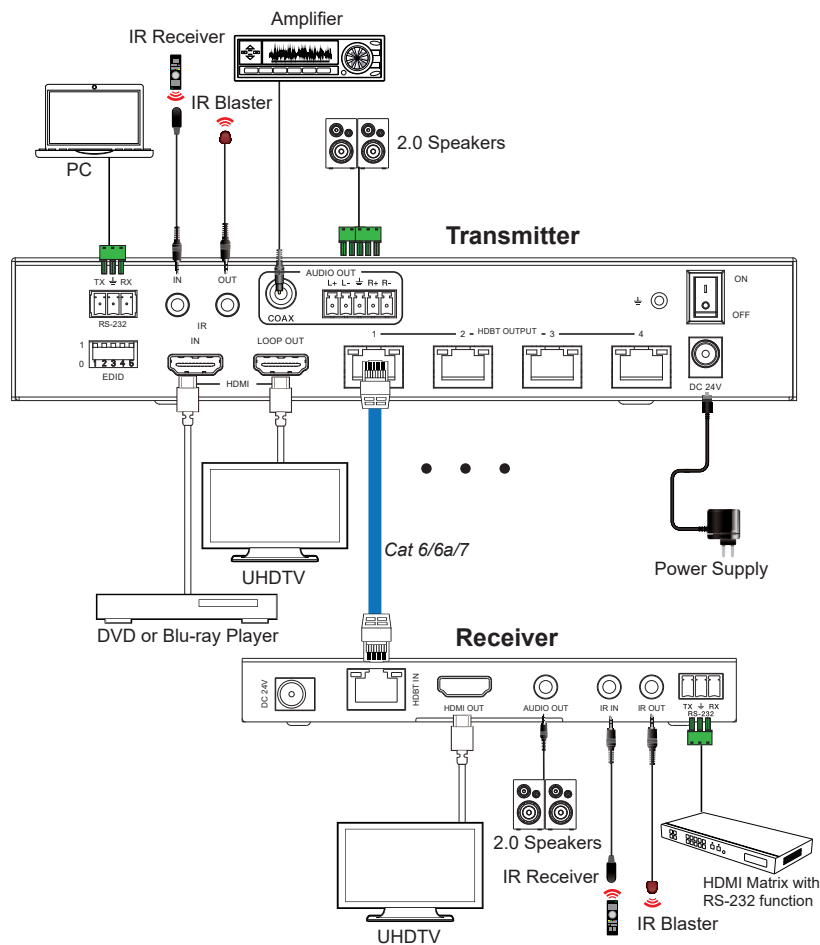
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Package Contents

- 1 × 18Gbps HDMI 1x4 HDBaseT Splitter
- 4 × HDBaseT Receiver
- 5 × IR Blaster Cable (1.5 meters)
- 5 × 20K~60KHz IR Receiver Cable (1.5 meters)
- 5 × 3-pin Phoenix Connector
- 1 × 5-pin Phoenix Connector
- 10 × Mounting Ear
- 1 × 24V/2.7A DC Locking Power Adapter
- 1 × User Manual

Application Example



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