

# TECHNICAL SPECIFICATION

## D1H8B-200



**Description:** 18Gbps HDMI 1x8 HDBaseT Splitter

**Why This Product?** This 18Gbps HDMI 1x8 HDBaseT Splitter can distribute 1 source signal to 8 display devices up to 150m at 1080P@60Hz via a single CAT6/6a/7 cable.



### Key Features

- Supports 18Gbps video bandwidth
- Supports video resolution up to 4K2K@60Hz 4:4:4
- Extends signal to distances up to 120m at 4K2K@60Hz and 150m at 1080P@60Hz 4
- Supports HDR, HDR10+, HLG and Dolby vision
- Supports up to 7.1CH HD audio pass-through
- Supports digital and analog audio de-embedded output
- 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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### 18Gbps HDMI 1x8 HDBaseT Splitter

1723 W. 4th Street Tempe Arizona 85281  
P: 800.638.6104 | F: 480.966.6728 | E: sales@ covid.com | www.covid.com

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### Specifications

#### Technical

Input Connector .....	1 HDMI Type A Female
Output Connectors .....	1×HDMI Type A, 8x RJ45, 1x RCA, 1x Audio
Video Bandwidth .....	594MHz/18Gbps
Video Resolution .....	Up to 4k2k@60Hz 4:4:4
HDMI Compliance .....	HDMI 2.0b
HDCP Compliance .....	HDCP 2.2/1.x
Color Depth 1080p@60Hz .....	8-bit,10-bit,12-bit
Color Depth 4K2K@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 .....	Support 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
Transmitter Dimensions .....	17.3in (440mm) (W) × 5.11in (130mm) (D) × 1.72in (44mm) (H)
Receiver Dimensions .....	5.5in (140mm) (W) × 2.56in (65mm) (D) × 0.7in (18mm) (H)
Transmitter Weight .....	3.57lbs (1.62kg)
Receiver Weight .....	.54lbs (246g)
Power Supply .....	Input: AC100 - 240V 50/60Hz, Output: DC 24V/3.75A
Certifications .....	US/EU standards, CE/FCC/UL certified
Power Consumption .....	72W
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)

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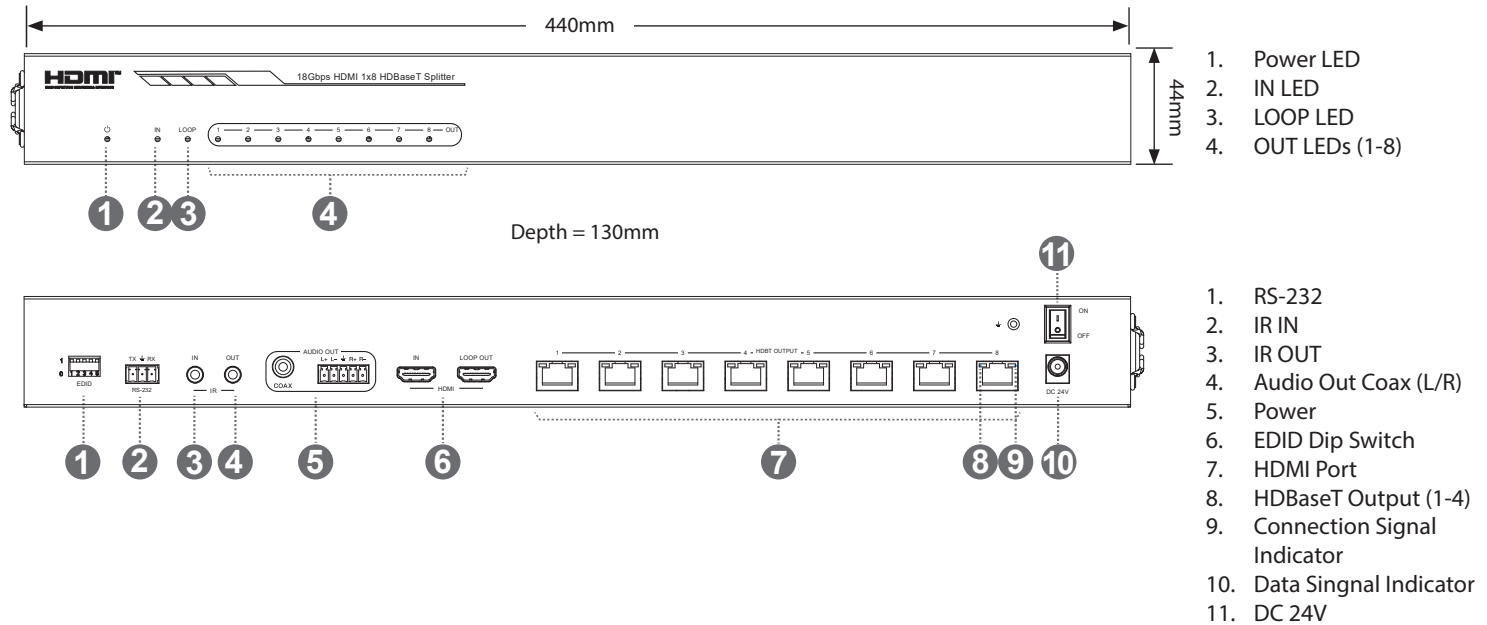
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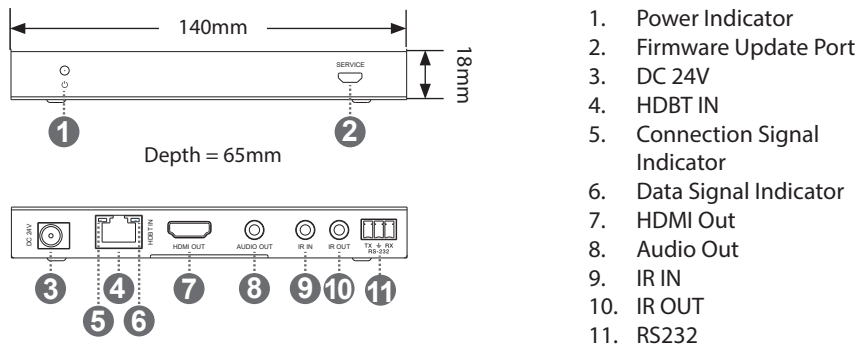
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### Transmitter



### Receiver



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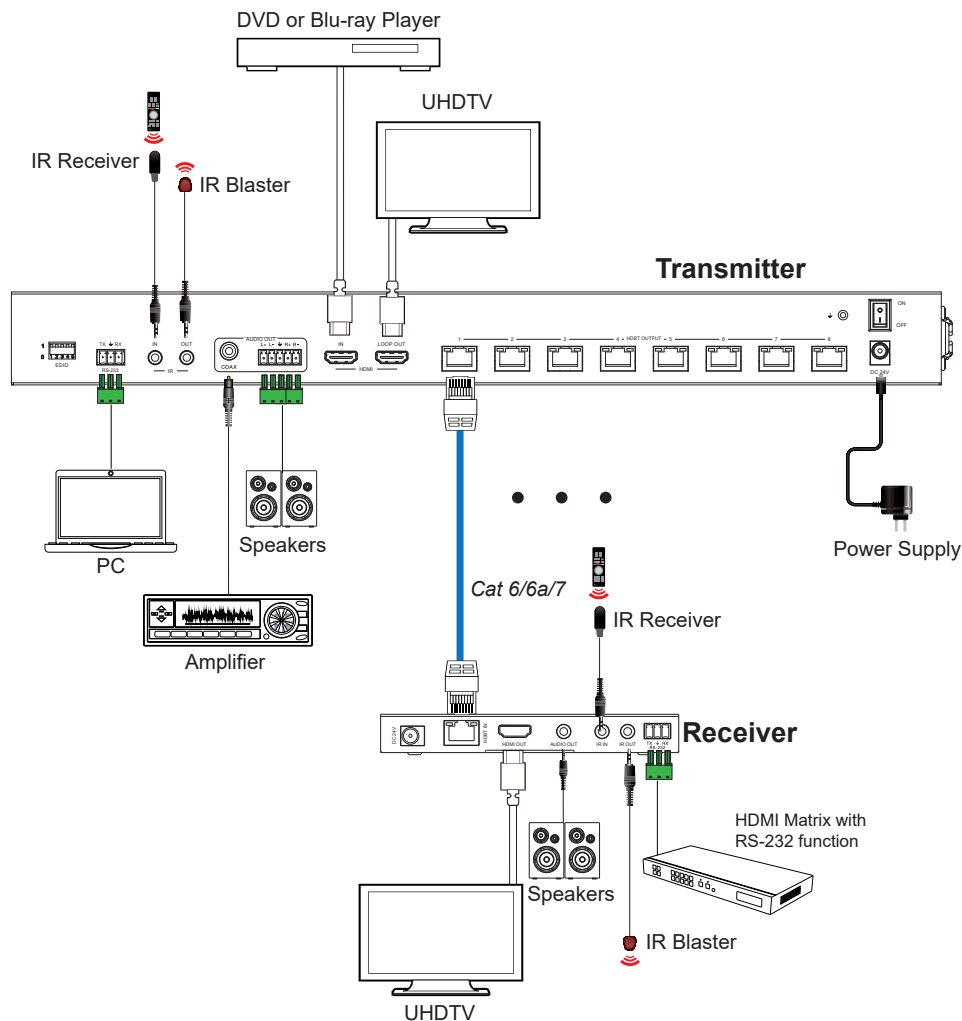
## D1H8B-200



### Package Contents

- 1 × 18Gbps HDMI 1×8 HDBaseT Splitter
- 8 × HDBaseT Receivers
- 9 × IR Blaster Cables (1.5 meters)
- 9 × 20K~60KHz IR Receiver Cables (1.5 meters)
- 9 × 3-pin Phoenix Connectors
- 1 × 5-pin Phoenix Connector
- 18 × Mounting Ears
- 1 × 24V/3.75A DC Locking Power Adapter
- 1 × User Manual

### Application Example



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