

TECHNICAL SPECIFICATION

D1H2B-200

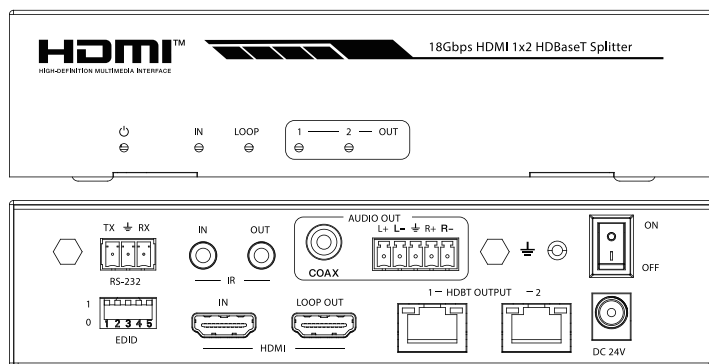


Description: 18 Gbps HDMI 1x2 HDBaseT Splitter

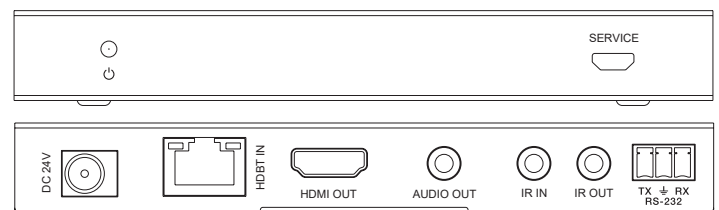
Why Use This Product: This 18Gbps HDMI 1x2 HDBaseT Splitter can distribute one source signal to any two display devices, with video resolution up to 4K2K@60Hz 4:4:4.

Key Features

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K2K@60Hz 4:4:4
- Support HDR, HDR10+, HLG and Dolby vision
- Support up to 7.1CH HD audio pass-through
- Support digital and analog audio de-embedded output
- Extend to 394ft/120m at 4K@60Hz via CAT6/6a/7
- Extend to 492ft/150m at 1080P@60Hz via CAT6/6a/7
- 1 HDMI input, 1 HDMI loop output, 2 HDBaseT outputs
- IR, RS-232 routed to HDBaseT output
- Advanced EDID management
- One-way POC function (transmitter to receiver)
- Compact design for easy and flexible installation



Transmitter



Receiver

18 Gbps HDMI 1x2 HDBaseT Splitter

Part Number:	D1H2B-200
Revision Number:	2
Date:	5-30-2025
Page Number:	1 of 2

1723 W. 4th Street Tempe Arizona 85281

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Technical Specifications

Technical

HDMI Compliance.....HDMI 2.0b
HDCP Compliance.....HDCP 2.2/1.x
Video Bandwidth.....18Gbps
Video Resolution.....4K@60Hz
Color Space.....RGB 4:4:4, YCbCr 4:4:4 / 4:2:2 / 4:2:0
Color Depth.....8-bit, 10-bit, 12-bit
HDMI Audio Formats.....LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, 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 $\pm 8\text{kV}$ (Air-gap discharge) & $\pm 4\text{kV}$ (Contact discharge)

Connections

Transmitter

Input Ports.....1x HDMI IN
Output Ports.....1x HDMI LOOP OUT, 2x HDBT OUT, 1x COAX AUDIO OUT, 1x L/R AUDIO OUT
Control Ports.....1x RS-232, 1x EDID, 1x IR IN, 1x IR OUT

Receiver

Input Ports.....1x HDBT IN
Output Ports.....1x HDMI OUT, 1x AUDIO OUT
Control Ports.....1x IR IN, 1x IR OUT, 1x RS-232, 1x SERVICE

Mechanical

Housing.....Metal Enclosure
Color.....Black
Dimensions.....Tx: 170mm (W) $\times$ 130mm (D) $\times$ 40mm (H) Rx: 140mm (W) $\times$ 65mm (D) $\times$ 18mm (H)
Weight.....Tx: 689g Rx: 155g
Power Supply Input.....AC100 - 240V 50/60Hz
Power Supply Output.....DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption.....18W (Max)
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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