

TECHNICAL SPECIFICATION DH12-220



Description: HDMI 1x2 splitter, 4K 18Gbps with video scaler and audio extract.

Why This HDBaseT Set? Distribute one signal to 2 HDMI display devices including audio extract to optical and analog output. Copy or auto EDID modes can be selected. All output ports support signal bypass and video downscaler from 4K to 1080p.



Key Features

- HDMI 2.0b | 18Gbps
- HDCP2.2 / HDCP1.4 compliant
- Supports resolutions up to 2160p@60Hz (4K)
- 18Gbps video bandwidth
- Digital and analog audio extract output from HDMI source
- Signal bypass and 4K > 1080p downscaler function via the dial switch on panel
- EDID can be selected COPY and AUTO modes via the dial switch on panel
- HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

Package Contents

- 1x 18Gbps HDMI 1x2 Splitter
- 1x 5V / 1A Power Adapter
- 1x User Manual



HDMI 1x2 Splitter with Video Scaler and Audio Extract

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Specifications

Technical

HDMI Compliance HDMI 2.0b
HDCP Compliance HDCP 2.2 and HDCP 1.4
Video Bandwidth 18 Gbps
Video Resolution Up to 4K@60Hz 4:4:4
Color Space RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth 8-bit (4K60Hz), 12-bit (1080P)
HDMI Audio Formats LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
L/R Audio Formats PCM 2.0
Optical Audio Formats LPCM [2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
ESD Protection Human-body Model: $\pm 8\text{kV}$ (Air-gap discharge) , $\pm 4\text{kV}$ (Contact discharge)

Connection

Input ports 1xHDMI Type A [19-pin female]
Output ports 2xHDMI Type A [19-pin female], 1xL/R Audio out [3.5mm Stereo Mini-jack], 1xOptical out [S/PDIF]

Mechanical

Housing Metal Enclosure
Color Black
Dimensions 120mm(W)x62.5mm(D)x14mm(H)
Weight 166g
Power Supply Input Input: AC100~240V 50/60Hz
Power Supply Output DC5V/1A (US/EU standards CE/FCC/UL certified)
Power Consumption 2.8W
Operation Temperature $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$ / $32^{\circ}\text{F} \sim 104^{\circ}\text{F}$
Storage Temperature $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ / $-4^{\circ}\text{F} \sim 140^{\circ}\text{F}$
Relative Humidity 20~90% RH (non-condensing)

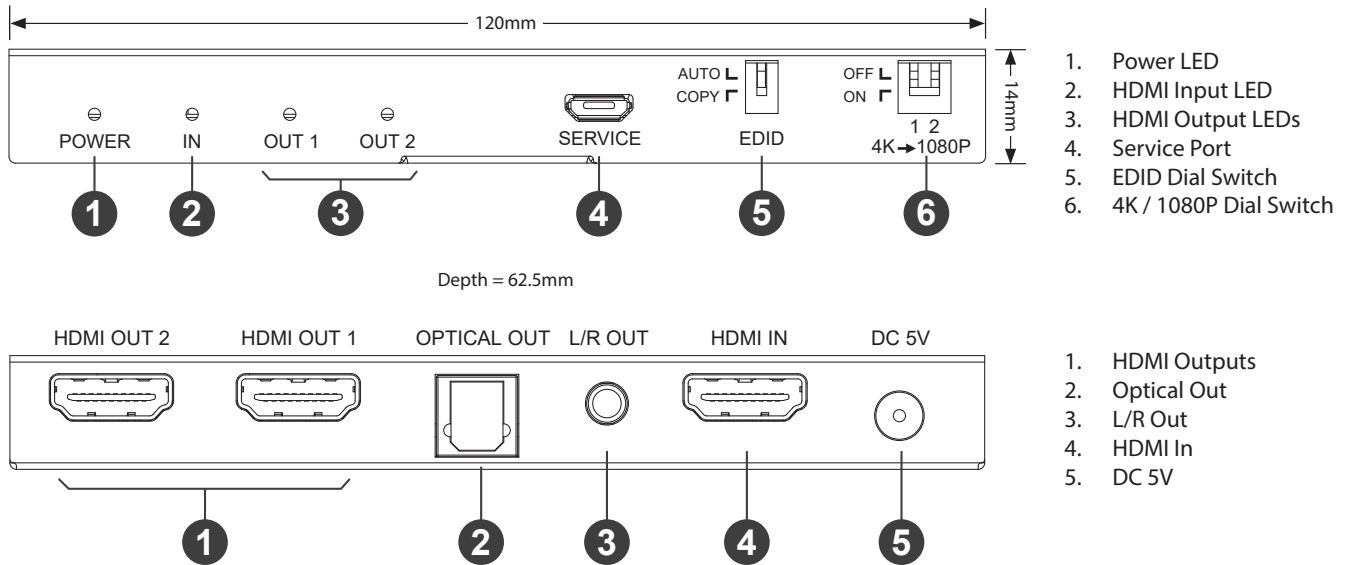
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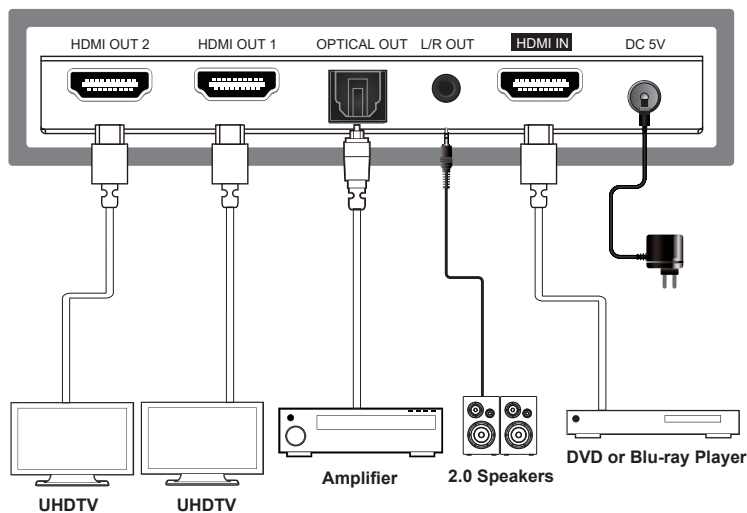
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Transmitter



Application Example



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