

TECHNICAL SPECIFICATION DH14-220



Description: HDMI 2.0 1x4 splitter, 4K 18Gbps with video scaler and audio extract.

Why This HDBaseT Set? Distribute one signal to 4 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, HDCP2.2/HDCP1.4 compliant
- 4K2K@50/60Hz (4:4:4)
- 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
- Analog audio PCM 2.0.
- Optical audio pass-through format about LPCM 2.0/2.1/5.1CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6/DTS-HDMA 5.1, DTS HD-HRA 5.1.

Package Contents

- 1x 18Gbps HDMI 2.0 1x4 Splitter
- 1x 5V/1A Power Adapter
- 1x User Manual



HDMI 1x4 Splitter with Video Scaler and Audio Extract

Part Number:	DH14-220
Revision Number:	1
Date:	05-27-22
Page Number:	1 of 3

TECHNICAL SPECIFICATION DH14-220



Specifications

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolution	Up to 4K2K@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:±8kV (Air-gap discharge) , ±4kV (Contact discharge)

Connection

Input ports	1×HDMI Type A [19-pin female]
Output ports ..	4×HDMI Type A [19-pin female], 1×L/R Audio out [3.5mm Stereo Mini-jack], 1×Optical out [S/PDIF]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	180mm(W)×62mm(D)×14mm(H)
Weight	227g
Power Supply Input	Input: AC100~240V 50/60Hz
Power Supply Output	DC5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	3.5W
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)

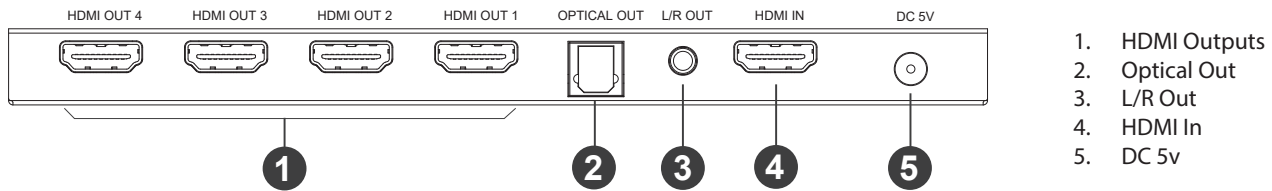
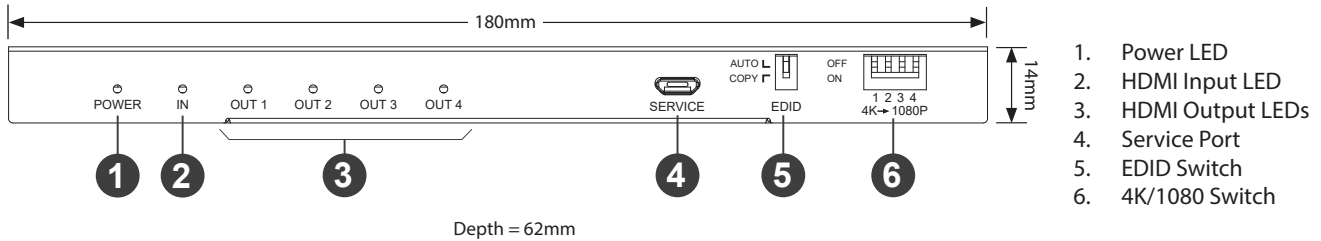
HDMI 1x4 Splitter with Video Scaler and Audio Extract

Part Number:	DH14-220
Revision Number:	1
Date:	05-27-22
Page Number:	2 of 3

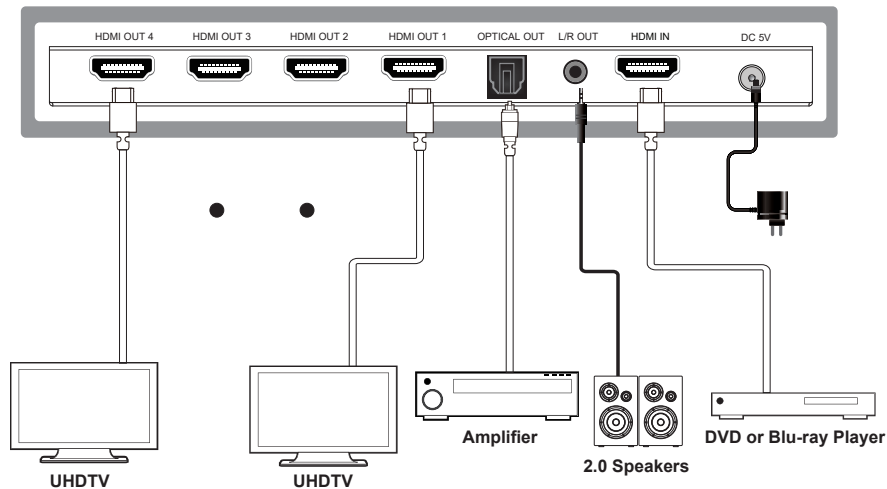
TECHNICAL SPECIFICATION DH14-220



Transmitter



Application Example



HDMI 1x4 Splitter with Video Scaler and Audio Extract

Part Number:	DH14-220
Revision Number:	1
Date:	05-27-22
Page Number:	3 of 3