NEXIS

4K60 1x4 HDMI™ Splitter (70m) over CAT6 Cable with PoC

HSP1470



1. Introduction

This HDMI 1x4 Splitter can distribute 1 HDMI source signal to any 4 display devices, supporting video resolution up to 4K@60Hz. It is designed with 1 HDMI input, 1 HDMI loop output and 4 CAT outputs. The HDMI signal transmission distance can be extended up to 230ft/70m for 4K@30Hz, 197ft/60m for 4K@60Hz via a single CAT6 cable. It supports advanced EDID management.

2. Features

- ☆ HDCP 2.2 compliant
- ☆ Video resolution is up to 4K@60Hz
- ☆ The transmission distance is up to 230ft/70m for 4K@30Hz, 197ft/60m for 4K@60Hz via a single CAT6 cable
- ☆ Support 1 HDMI input, 1 HDMI loop output and 4 CAT outputs.
- ☆ Support HDMI audio formats: LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio
- ☆ Support PoC function
- ☆ Advanced EDID management
- ☆ Compact design for easy and flexible installation

3. Package Contents

① 1× 4K60 1x4 HDMI Splitter (TX)
② 4× 4K60 1x4 HDMI Splitter (RX)
③ 1× 12V/2.5A Multinational Locking Power Supply
④ 10× Mounting Ear (TX + RX)
⑤ 20× Machine Screw (KM3*4)
⑥ 1× User Manual

4. Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution (Input & Output)	480i60, 576i50, 480p60, 576p50, 720p50/60, 1080i50/60, 1080p24/25/30/50/60; 640x480@60, 1024x768@60, 1280x768@60, 1280x800@60, 1280x1024@60, 1360x768@60, 1440x900@60, 1680x1050@60, 1920x1200@60RB; 3840x2160@24/25/30/50/60; 4096x2160@24/25/30/50/60;
Color Depth	8-bit,10-bit,12-bit(1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit,10-bit,12-bit(4K2K@60Hz YCbCr 4:2:2/4:2:0)
Color Space	RGB, YCbCr 4:4:4 / 4:2:2 YUV 4:2:0
Audio Formats	**HDMI Loop Out:** LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD **Remote End:** LPCM 2.0, Dolby 5.1, DD+7.1, DTS 5.1
HDR	HDR10, HDR10+, Dolby Vision, HLG
Transmission Distance	230ft/70m for 4K@30Hz via a single CAT6 cable 197ft/60m for 4K@60Hz via a single CAT6 cable
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Transmitter	Input: 1× HDMI IN [HDMI type A, 19-pin female] Output: 1× HDMI LOOP OUT [HDMI type A, 19-pin female] 4× CAT OUT [RJ45] Control: 1× SERVICE [USB type C, update port]
Receiver	Input: 1× CAT IN [RJ45] Output: 1× HDMI OUT [HDMI type A, 19-pin female]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	Transmitter: 150mm [W] × 70mm [D] × 24.5mm [H] Receiver: 81mm [W] × 49mm [D] × 25mm [H]
Weight	Transmitter: 302g; Receiver: 116g
Power Supply	DC 12V/2.5A
Power Consumption	10.4W (Max)

Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Operating Humidity	20%~80% relative humidity, non-condensing
Storage Humidity	10%~90% relative humidity, non-condensing

6. Application Example

