



HD14-EX132-K

**HDMI™ Extender Splitter
1x4 Over CAT6 70m**

USER MANUAL

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Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the service life of your equipment.

Registration Page

Please Activate your warranty by registering our product through the link below - www.orei.com/register

Technical Support

Need Help?

Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

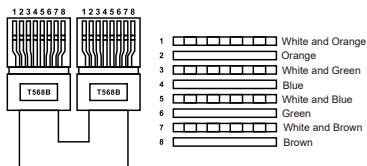
OREI Live Technical Support Hours

US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 5 p.m. Central Time **Support Email** - info@orei.com |

Support Number - 877-290-5530

Caution

The product requires the use of UTP connectors. Please use a straight through 568B standard CAT cable.



Direct Interconnection Method

Introduction

The HD14-EX132-K HDMI Extender Splitter is ideal for transmitting media signals over CAT 6/7 cables to multiple displays across long distances. Compliant with HDCP 1.4, it delivers 4.95Gbps video bandwidth and supports resolutions up to 1080p@60Hz. It can extend(duplicate) media to four displays located up to 230ft/70m away, with an HDMI output on the Transmitter for a nearby display. It supports up to LPCM 7.1CH audio with Dolby and DTS audio formats. Featuring Power over Cable technology, the entire kit requires just one power adapter for operation. Its compact design makes it ideal for home use or smaller commercial applications.



Features & Package Contents

- HDCP 1.4 Compliant
- Video resolution up to 1080p@60Hz
- 4.95Gbps video bandwidth
- Extend media signals up to 230ft/70m over CAT 6/7 cables
- HDMI Loop output to connect a local display
- HDMI audio formats: LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio
- Power over Cable technology; only requires a power adapter at the Transmitter end
- Advanced EDID management
- Compact design for easy and flexible installation

Package Contents

1.	HD14-EX132-K Transmitter	1 pcs
2.	HD14-EX132-K Receiver	4 pcs
3.	Mounting Ear (TX + RX)	10 pcs
4.	Machine Screw (KM3*4)	20 pcs
5.	Power Adapter	1 pcs
6.	User Manual	1 pcs

Specifications

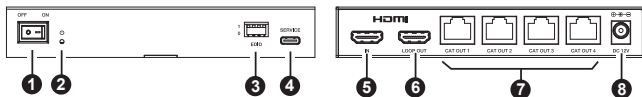
Technical	
HDMI Compliance	HDMI 1.4
HDCP Compliance	HDCP 1.4
Video Bandwidth	4.95Gbps
Video Resolution	480i60, 576i50, 480p60, 576p50, 720p50/60, 1080i50/60, 1080p24/25/30/50/60, 640x480@60, 1024x768@60, 1280x768@60, 1280x800@60, 1280x1024@60, 1360x768@60, 1440x900@60, 1680x1050@60, 1920x1200@60RB
Color Depth	8-bit
Color Space	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Audio Formats	LPCM 7.1CH, Dolby True HD, and DTS-HD Master
Transmission Distance	230ft/70m for 1080p@60Hz via a single CAT6 cable
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Transmitter	Input: 1 × HDMI [HDMI type A, 19-pin female] Output: 1 × HDMI [HDMI type A, 19-pin female] 4 × CAT [RJ45] Control: 1 × USB C [Firmware update port]
Receiver	Input: 1 × CAT [RJ45] Output: 1 × HDMI [HDMI type A, 19-pin female]

Specifications

Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	Transmitter: L: 150mm / 5.90in W: 70mm / 2.75in H: 24.5mm / 0.96in Receiver: L: 81mm / 3.18in W: 49mm / 1.92in H: 25mm / 0.98in
Weight	Transmitter: 307g / 10.82oz Receiver: 116g / 4.09oz
Power Consumption	7.3W (Max)
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 12V/1A (US/EU standards, CE/FCC/UL certified)
Operating Temperature	32~104°F / 0~40°C
Storage Temperature	-4~140°F / -20~60°C
Operating Humidity	20%-80% relative humidity, non-condensing
Storage Humidity	10%-90% relative humidity, non-condensing

Operation Controls and Functions

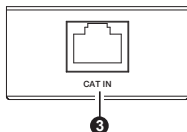
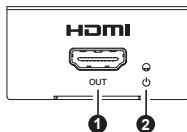
Transmitter:



No.	Name	Function Description
1.	Power switch	Press this switch to power on/off the transmitter.
2.	Power LED	When the transmitter is powered on, the red LED will light up.
3.	EDID DIP switch	Use the DIP switch to set EDID. 1 is Up and 0 is down. *EDID list is available on Page 9.
4.	SERVICE	Firmware update port.
5.	HDMI IN	Connect a media device such as a DVD Player, set-top box, etc.
6.	HDMI LOOP OUT	Connect a display device such as a TV or Monitor.
7.	CAT OUT (1~4)	Connect a CAT6/7 cable. The other end connects to the Receivers.
8.	DC 12V	Connect the included power adapter.

Operation Controls and Functions

CAT Receiver



No.	Name	Function Description
1.	HDMI OUT	Connect a display device such as a TV or Monitor.
2.	POWER LED	When the receiver is powered on, the red LED will light up.
3.	CAT IN	Connect a CAT6/7 cable. The other end connects to the Transmitter.

*EDID Setting List (1=UP 0=DOWN):

[DIP]=1111: 1080p, 2.0CH

[DIP]=1101: 1080p, 7.1CH

[DIP]=1011: 1080p_HDR, 5.1CH

[DIP]=1001: 1080p_3D, 2.0CH

[DIP]=0111: 1080p_3D, 7.1CH

[DIP]=0101: 1080i, 5.1CH

[DIP]=0011: 1920x1200, 2.0CH

[DIP]=0001: 1024x768, 2.0CH

[DIP]=1110: 1080p, 5.1CH

[DIP]=1100: 1080p_HDR, 2.0CH

[DIP]=1010: 1080p_HDR, 7.1CH

[DIP]=1000: 1080p_3D, 5.1CH

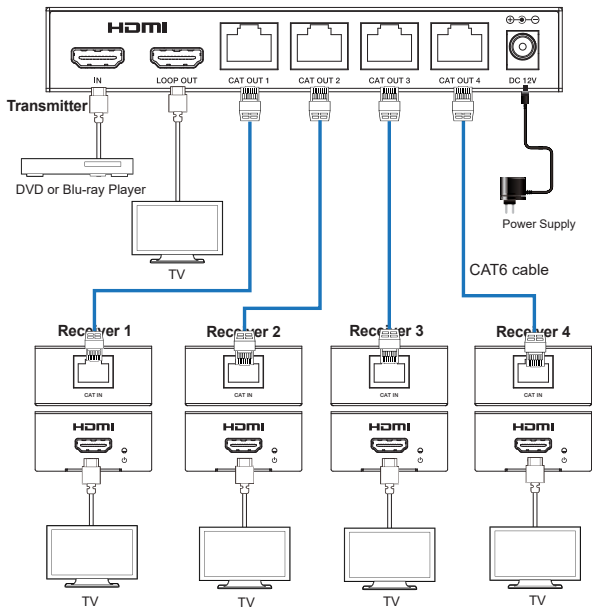
[DIP]=0110: 1080i, 2.0CH

[DIP]=0100: 1080i, 7.1CH

[DIP]=0010: 1280x800, 2.0CH

[DIP]=0000: Copy TX loop out EDID

Application Example



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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FAQs & Troubleshooting

1. No output

Try a lower resolution from the source device
Try changing the CAT cable
Try changing the EDID settings
Check if the HDMI OUT on the Transmitter is also having the same issue

2. Can I use this to extend my PC display to multiple locations?

You can use this device to duplicate your PC screen to multiple locations. However, it will not extend them

Still have some questions?

Please feel free to contact us at: info@orei.com. OR Fill out the form on the 'Contact Us' page on the website.
Our team will be more than happy to help you.

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