H22044（ORE01）说明书 ：0106020147632
材质：100克书纸
尺寸：111x146mm
装订方式：骑马钉

OREI

4K@30Hz HDMI Extender Over 40Meter Cat6 with IR

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OREI

4K@30Hz HDMI Extender Over 40Meter Cat6 with IR

USER MANUAL

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Table of Contents

Thank you for purchasing this product

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

Surge protection device recommended

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

Registration page

Caution

Please Activate your warranty by registering your 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
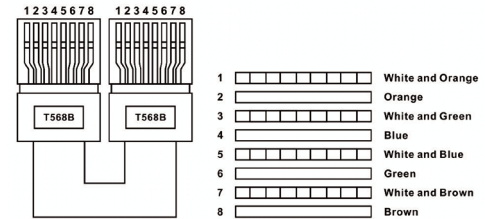US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 6 p.m. Central Time
Support Email - info@orei.com | **Support Number** - 877-290-5530
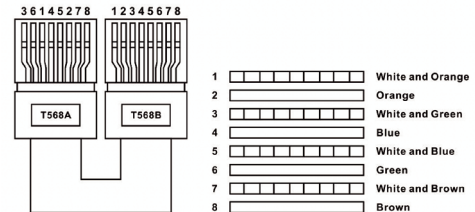
Or
Chat Live on www.orei.com
Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

The extender need to follow direct interconnection method CAT cable.

Direct interconnection method

The extender will go into protection mode automatically and no video out when using cross interconnection method CAT cable.

Cross interconnection method

Introduction

This EX-230PRO HDMI Extender includes a transmitter unit and a receiver unit and allows the HDMI signal to be transmitted up to 70 meters at 1080P@60Hz resolution,and up to 40 meters at 4K@30Hz resolution while using a single Cat6/6A/7 network cable. It adopts a point-to-point connection configuration, supports IR pass-back. It is perfect video transmission solution for outdoor advertising, monitor system, home entertainment, conference, etc.

Features

1. Zero latency.
2. Supports up to 4K@30Hz resolution.
3. Supports CAT6/6A/7 network cables, 1080p@60Hz transmission distance is up to 70meters, 4K@30Hz transmission distance is up to 40 meters.
4. Supports IR pass-back function (20~60KHz).
5. Supports HDR10.
6. Supports EDID passthrough.
7. Audio formats supported: PCM, LPCM, DTS-HD, DTS-AUDIO, DOLBY DIGITAL 5.1.
8. Automatically adjusts parameters to match different network cables and achieve the best display performance.

Package Contents

1 x Transmitter
1 x Receiver
2x DC5V/500mA Power Adapters
1 x User manual
1 x IR Receiver Extension Cable
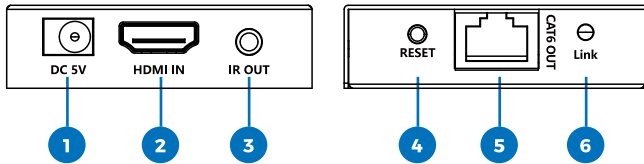1 x IR Blaster Extension Cable

Specifications

Items		Specification
Power Supply	Voltage/Current	DC5V/500mA
	Power consumption	TX<1.5W； RX<1.5W
HDMI Performance and Interface	HDMI compliance	HDMI 1.4
	HDCP compliance	HDMI 1.4
	HDMI resolution	800x600, 1024x768, 1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60Hz, 3840x2160@24/25/30Hz
	Audio formats	PCM, LPCM, DTS-HD, DTS-AUDIO, DOLBY DIGITAL 5.1
	HDR	Supports HDR10
	IR Pass-back	Frequency Range： 20~60KHz
	Input and output TMDS signal	0.7~1.2Vp-p(TMDS)
	Input and output DDC signal	5Vp-p(TTL)
Transmission Distance	Cat6/6A/7	1080p@60Hz transmission 70 meters 4K@30Hz transmission 40 meters
Protection Level	Electrostatic protection of the whole machine	Implementation of the standard: IEC61000-4-2 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV)

Specifications

Operating Environment	Working temperature	-20~60℃
	Storage temperature	-30~70℃
	Humidity (no condensation)	0~90%RH
Body Properties	Dimension	75.0(L) x 60.0(W) x 16.5(H) mm
	Weight	TX: 127g RX: 127g
	Color	Black

Operation controls and functions

Transmitter

DC 5V   HDMI IN   IR OUT   RESET   CAT6 OUT   Link

① ② ③   ④ ⑤ ⑥

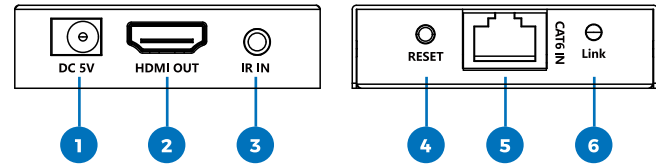① **DC 5V input :** Connect the 5V/500mA DC power adapter.

② **HDMI input :** Connect to a HDMI source device.

③ **IR out:** Connect the IR blaster extension cable, please keep the infrared transmitter as close as possible to the signal source device when using.

④ **Reset button:** Press the button to restart the device.

⑤ **RJ45 signal output:** Connect CAT 6/6a/7 network cable.

⑥ **Signal Indicator:** No HDMI signal is transmitted, the indicator flashes. HDMI signal is transmitted, the indicator stays on.

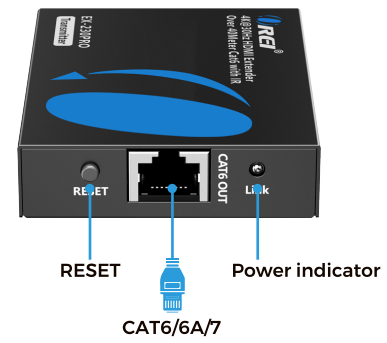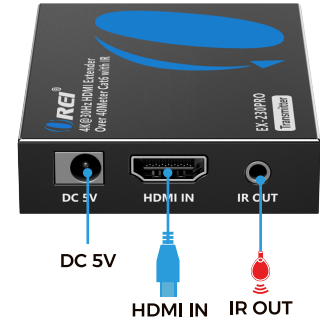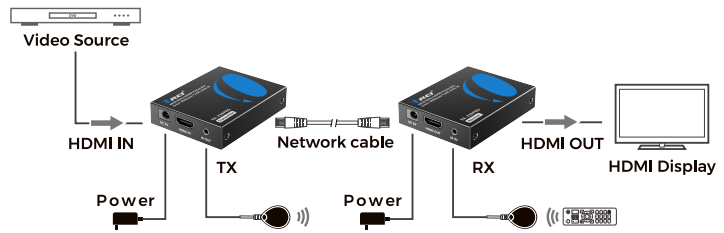## Operation controls and functions

Receiver

DC 5V   HDMI OUT   IR IN   RESET   CAT6 IN   Link

① ② ③   ④ ⑤ ⑥

① **DC 5V input :** Connect the 5V/500mA DC power adapter.

② **HDMI output :** Connect to a HDMI display device.

③ **IR in:** Connect the IR receiver extension cable to ensure that the remote control used is within the range of the IR receiving device.

④ **Reset button:** Press the button to restart the device.

⑤ **RJ45 signal input:** Connect CAT 6/6a/7 network cable.

⑥ **Signal Indicator:** No HDMI signal is transmitted, the indicator flashes. HDMI signal is transmitted, the indicator stays on.

Description

Connection Diagrams

Video Source

HDMI IN

TX

Power

Network cable

Power

RX

HDMI OUT

HDMI Display

DC 5V

HDMI IN

IR OUT

DC 5V

HDMI IN

IR OUT

RESET

CAT6 OUT

Link

RESET

CAT6/6A/7

Power indicator

Connection Diagram

DC 5V HDMI OUT IR IN

DC 5V

HDMI OUT

IR IN

RESET CAT6 IN Link

RESET Power indicator

CAT6/6A/7