备注
H20041-ORE01说明书
物料编号：0106020147620

材质：100克书纸
尺寸：111x146mm
装订方式：骑马钉

OREI

1080P HDMI Extender Over 70Meter Cat6 with KVM & HDMI Loop-out

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OREI

1080P HDMI Extender Over 70Meter Cat6 with KVM & HDMI Loop-out

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

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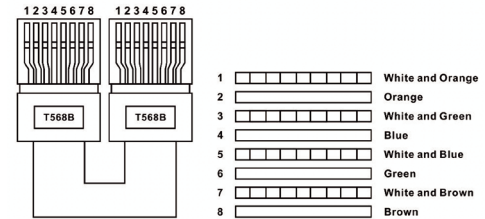US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 6 p.m. Central Time
Support Email - info@orei.com |**Support Number** - 877-290-5530
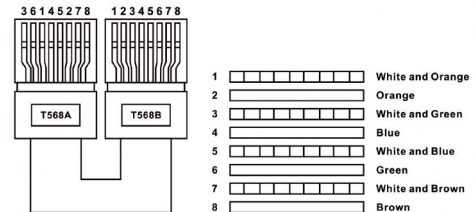
Or
Chat Live on www.orei.com
Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

Caution

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

Features

This HDMI Extender includes a transmitter unit and a receiver unit, allows the HDMI signal to be transmitted up to 70 meters for 1080P@60Hz, and 40 meters for 4K@30Hz resolution using a Cat6/6A/7 network cable. It adopts a point-to-point connection configuration, supports KVM remote control and management and 3.5 mm stereo audio output. It is perfect for outdoor advertising, monitor system, home entertainment, conference, etc.

1.   Zero latency.

2.   Support up to 4K@30Hz resolution.

3.   Support CAT6/6A/7 network cables, 1080p@60Hz transmission distance is up to 70 meters, 4K30Hz transmission distance is up to 40 meters.

4.   Support KVM remote control and management.

5.   Support HDR10.

6.   Support EDID passthrough.

7.   Transmitter supports HDMI loop-out.

8.   Receiver supports 3.5mm stereo audio output.

9.   Automatically adjusts parameters to match different network cables and achieve the best display performance.

10. Lightning Protection, Surge Protection, ESD Protection.

Package Contents

1 x Transmitter

1 x Receiver

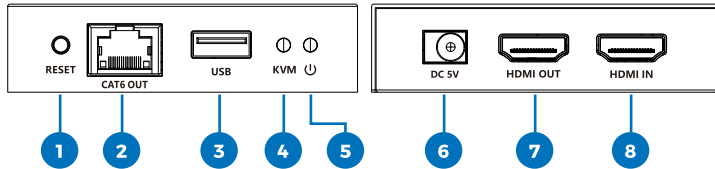2 x DC5V/500mA

1 x User manual

1 x USB cable

Specifications

Items		Specification
Power Sopply	Voltage/Current	DC5V/1A
	Power consumption	TX<2.5WRX<2.5W
HDMI Performance And Interface	HDMI compliance	HDMI 1.4
	HDCP compliance	HDCP 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
	Supports audio formats	PCM, LPCM, DTS HD, DTS Audio
	Input and output TMDS signa	0.7~1.2Vp-p(TMDS)
	Input and output DDC signal	5Vp-p(TTL)
	Input cable length	≤8m(AWG24)
	Output cable length	≤8m(AWG24)
Transmission Distance	Cat6/6A/7	1080p@60Hz≤70m 4K@30Hz≤40m
Transmission Distance	Electrostatic protection of the whole machine	Implementation of the standard: IEC61000-4-2 1a Contact discharge level 4 (8KV) 1b Air discharge level 4 (15KV)

Operating Environment	Working temperature	-20~60℃
	Storage temperature	-30~70℃
	Humidity (no condensation)	0～90%RH
Transmission Distance	Dimension	75.0(L) x 85.0(W) x 20.0(H)mm
	Material	Aluminum alloy material + crystal panel
	Treatment process	Grit blast
	Color	Black
	Weight	TX:180g RX:180g

Transmitter

RESET   CAT6 OUT   USB   KVM

DC 5V   HDMI OUT   HDMI IN

1   2   3   4   5   6   7   8
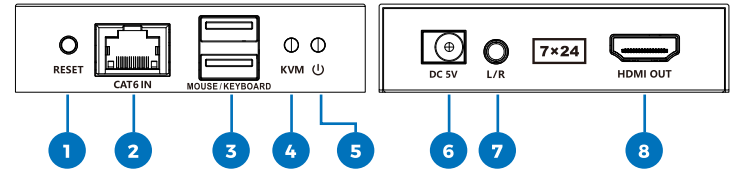
1 **Reset button :** Press the button to restart the device.

2 **RJ45 output:** Output modulated HDMI signal.

3 **USB-A port :** Connect to the computer

4 **KVM indicator:**   a) The host computer is not connected and the indicator
                        light is off.
                        b) Connect to the host computer, the indicatorlight is always on.
                        c) The mouse and keyboard work normally, and the signal
                        transmission indicator flashes.

5 **Power/Signal**   a. When power is on and no HDMI signal is transmitted, the
   indicator: indicator flashes.
                        b. When power is on and HDMI signal is transmitted, the indicator
                        is always on.

6 **DC 5V input:** Connect to the 5V1A DC power adapter.

7 **HDMI output :** Connect to a local HDMI display device.

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

Receiver

RESET   CAT6 IN   MOUSE / KEYBOARD   KVM

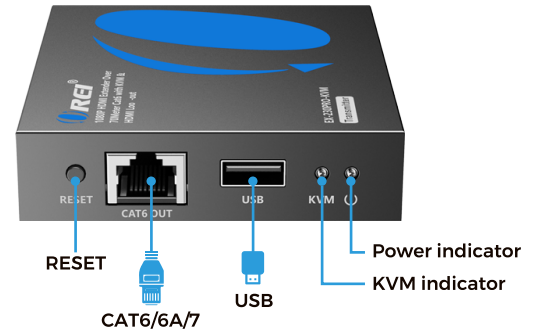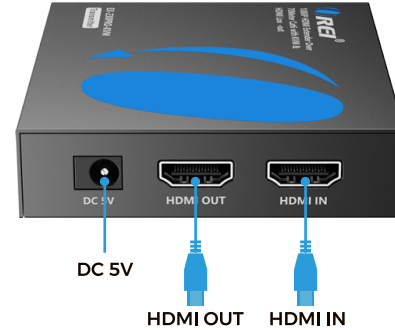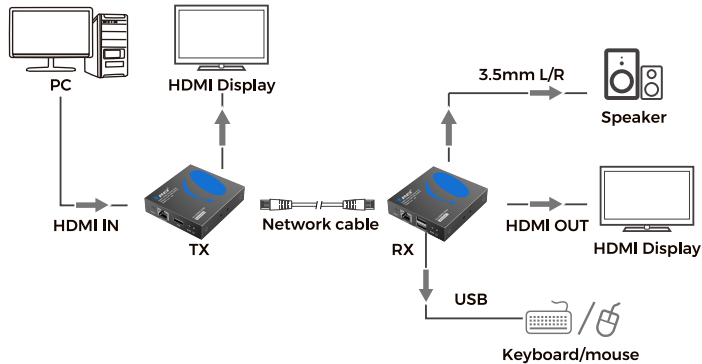DC 5V   L / R   7×24   HDMI OUT

1   2   3   4   5   6   7   8

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

2 **RJ45 output:** Output modulated HDMI signal.

3 **USB-A port :** Connect mouse and keyboard.

4 **KVM indicator:**   a) The host computer is not connected and the indicator
                        light is off.
                        b) Connect to the host computer, the indicatorlight is always on.
                        c) The mouse and keyboard work normally, and the signal
                        transmission indicator flashes.

5 **Power/Signal**   a. When power is on and no HDMI signal is transmitted, the
   indicator: indicator flashes.
                        b. When power is on and HDMI signal is transmitted, the indicator
                        is always on.

6 **DC 5V input:** Connect to the 5V1A DC power adapter.

7 **3.5mm L/R out:** Connect headphones or power amplifiers to output stereo audio.

8 **HDMI output :** Connect to a HDMI source device.

Connection Diagram

Description

Connection Diagrams

PC — HDMI IN — TX — Network cable — RX — HDMI OUT — HDMI Display

HDMI Display

3.5mm L/R — Speaker

USB — Keyboard/mouse

Connection Diagram

DC 5V   HDMI OUT   HDMI IN

RESET   CAT6/6A/7   USB   KVM indicator   Power indicator

Connection Diagram

DC 5V

3.5mm L/R   HDMI OUT

RESET

CAT6/6A/7

USB

Power indicator

KVM indicator