

H23155-ORE01说明书: 0106020140192

材质: 100克书纸

尺寸: 111x146mm

装订方式: 骑马钉



4K@60Hz HDMI & KVM Over 1G IP Extender Up to 120M

USER MANUAL

EX-500-KVM

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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 life of your equipment.

Registration page

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. - 5 p.m. Central Time

Support Email - info@orei.com | **Support Number** - 877-290-5530

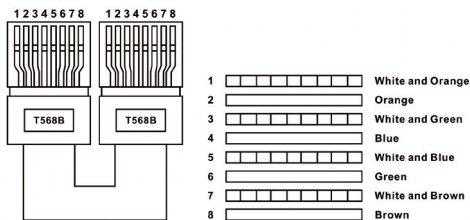
Or

Chat Live on www.orei.com

Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

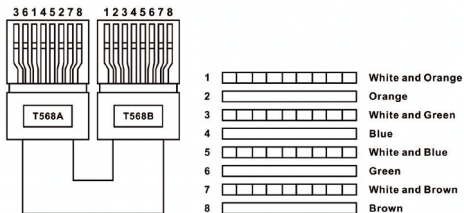
Caution

Please use straight-through CAT cables of TIA-568B standard with this device.



Direct interconnection method ✓

The device will not work with cross connection CAT cables such as TIA-568A.



Cross interconnection method ✗

Introduction

The EX-500-KVM HDMI Extender is a perfect solution for transmitting media from a source to a remote display over CAT 6/7 cable. It is HDMI 2.0, HDCP 2.2, and USB 1.1 compliant, supporting video resolutions up to 4K@60Hz with an 18Gbps bandwidth, extending signals up to 120m/393ft. The device features KVM functionality, allowing remote control of a PC via a keyboard and mouse on the Receiver end. It also supports Over IP functionality, enabling multiple Receivers to connect to a single Transmitter through a network switch or a cascade of switches. Its durable and compact design makes it ideal for work-from-home setups or commercial applications.



Features

1. HDMI 2.0, HDCP 2.2 and USB 1.1 compliant
2. Video resolution up to 4K@60Hz
3. Video bandwidth up to 18Gbps
4. Extend media up to 120m/393ft via CAT 6/7 cable
5. KVM support to control a PC remotely
6. Supports one-to-many Over IP connectivity through a network switch or a cascade of network switches
7. Durable build and compact design

Package Contents

1.	EX-500-KVM Transmitter	1 pcs
2.	EX-500-KVM Receiver	1 pcs
3.	USB Cable	1 pcs
4.	Power Adapter	2 pcs
5.	User Manual	1 pcs

Specifications

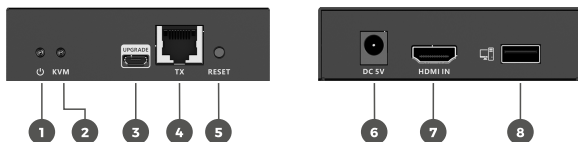
Item	Sender	Receiver
Video		
Input interface	1x HDMI	1x RJ45
Output interface	1x RJ45	1x HDMI
HDMI length	≤ 5m	≤ 5m
Maximum transfer rate	18Gbps	
Compatibility	HDMI 2.0	
	HDCP 1.4/HDCP 2.2	
Resolutions	4096x2160@24/30/50/60Hz, 3840x2160@24/30/50/60Hz, 1080P@24/25/30/50/60Hz, 720P@50/60Hz, 576P@60Hz, 480P@60Hz, 1920x1200, 1680x1050, 1600x900, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600	
Transmission distance	CAT5 80m / CAT5E 100m / CAT6 120m	
Transmission latency	1080P: 80~110ms 4K@60Hz: 120~170ms	
Audio signal		
Input interface	1×HDMI	1×RJ45
Output interface	1×RJ45	1×HDMI
HDMI output	LPCM 2.0	
Power		
Power Supply	DC 5V/1A	DC 5V/1A
Power Consumption	TX ≤ 3.5W	RX ≤ 2.5W

Specifications

Operating Environment		
Working temperature	- 20°C~60°C	
Storage temperature	- 30°C~70°C	
Humidity	0~90%RH (no condensation)	
Physical Properties		
Housing	Aluminium(Top cover); Iron(Bottom cover)	
Weight	261.4g	262.2g
Color	Black	
Dimensions	106(L)x90(w)x25(H)mm*2pcs	
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2	
	Lightning protection, Surge protection	

Operation controls and functions

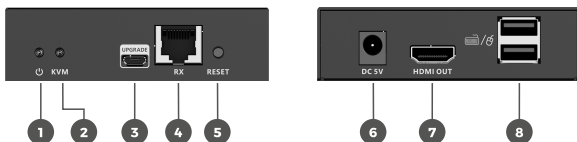
Transmitter



No.	Name	Description
1.	Power indicator	The indicator will light up when the device receives power
2.	KVM indicator	1) Blinking: The KVM data is transmitting 2) Steady: The computer and the USB port are connected
3.	Micro USB	Used for firmware update
4.	RJ45 output	Connect a CAT 6/7 cable. The other end connects to the Receiver
5.	Reset	Press once to restart the device
6.	Power input	Connect the included power adapter
7.	HDMI input	Connect a media device such as DVD player, streaming device, computer, etc.
8.	USB	Connect to a USB port on your computer or laptop for KVM control

Operation controls and functions

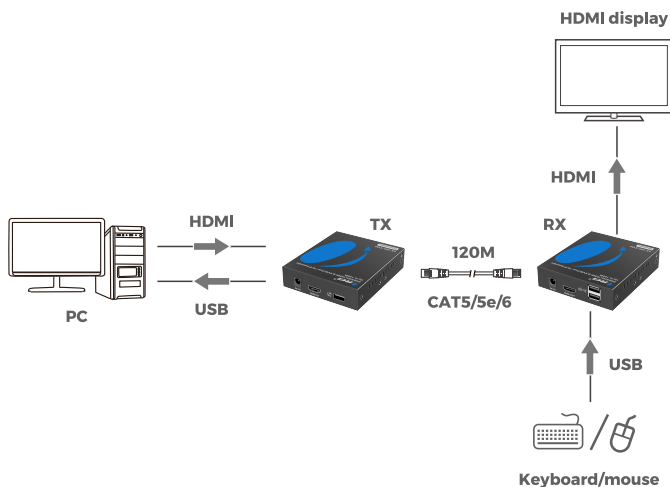
Receiver



No.	Name	Description
1.	Power indicator	The indicator will light up when the device receives power
2.	KVM indicator	1) Blinking: The KVM data is transmitting 2) Steady: The computer and the USB port are connected
3.	Micro USB	Used for firmware update
4.	RJ45 output	Connect a CAT 6/7 cable. The other end connects to the Transmitter
5.	Reset	Press once to restart the device
6.	Power input	Connect the included power adapter
7.	HDMI output	Connect a display device such as TV, Monitor, etc.
8.	USB	Connect to a USB port on your computer or laptop for KVM control

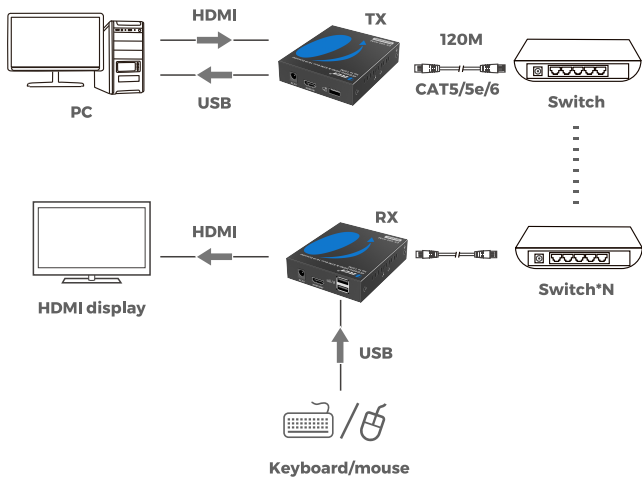
Application Example

One-to-One Connection:



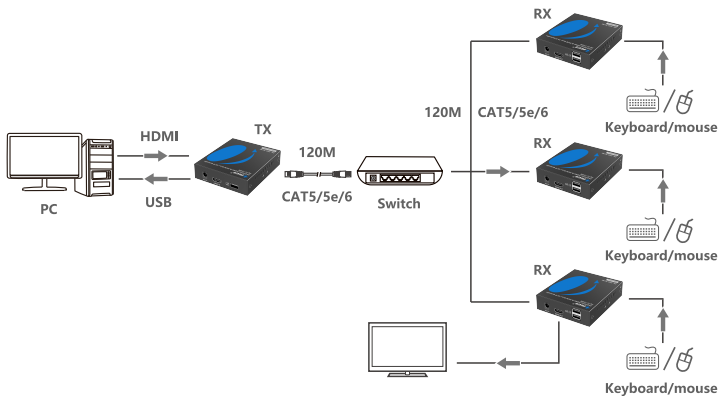
Application Example

Switch Cascading:



Application Example

One-to-Many Connection:





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IP Extender Up to 120M**

EX-500-KVM

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