

4K@60 HDMI KVM Extender

ND8310HEK-100



FEATURES

- The HD video source through the network cable transmission HD video signal up to 60 meters(4K60Hz) and 100meters(4K30Hz);
- conforms to HDMI 2.0 standard, high-definition video signal resolution up to 3840*2160@60Hz
- conforms to HDCP 2.2 standard - High bandwidth digital content protection technology
- Support USB KVM, can remotely use the keyboard and mouse operation
- supports EDID learning and can adapt to a variety of complex application environments
- Supports unilateral POC power supply
- Built-in automatic adjustment system, make the image smooth, clear and stable
- Easy to install, plug and play ;



Newbridge® The HDMI KVM extender provides extension of HDMI signals long distances up to 100m over a single CAT6 cable. It supports high resolution up to 3840*2160@60Hz and Infrared signal transmission. The extender can use for a wide range of applications requiring long distance transmission of high resolution with high quality by its good stability and powerful security.

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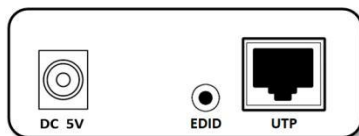
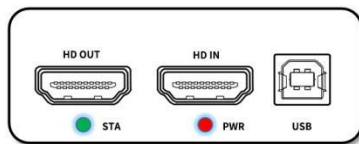


Specifications

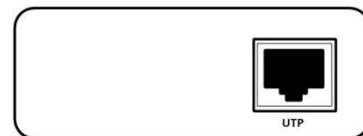
	Parameter	Description
Video	Standards	HDMI 2.0; HDCP 2.2
	Maximum pixel clock	340MHz
	Maximum data rate	18Gbps
	Maximum resolution	3840*2160@60Hz
	Connector	HDMI-A
	Impedance	100Ω
UTP	Interface	RJ45
	Transmission distance	CAT6 - up to 50M at 4K@60 ,
Other	Power supply	The power adapter: DC 5V
	Power dissipation	MAX 3W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	81*45*23mm
	The warranty	1 year free warranty

Panel

Transmitter:



Receiver:



Port name	Description
HDMI IN/HDMI OUT	HDMI signal input/output
UTP	RJ45 network interface

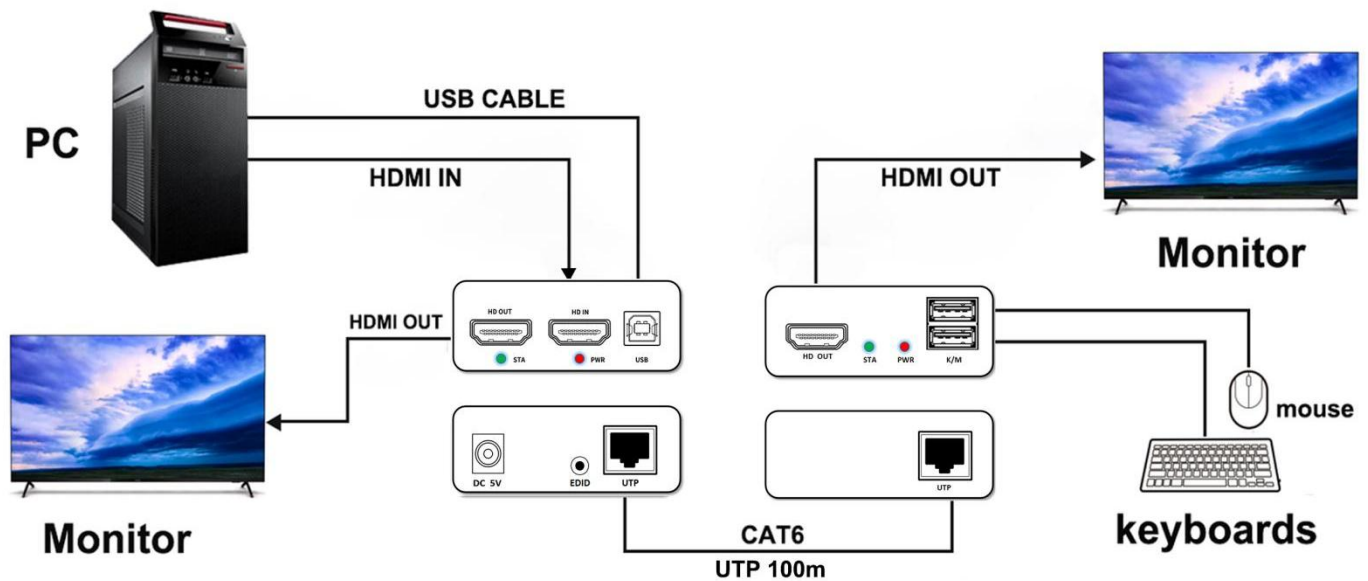
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DC 5V	Power adapter socket
EDID	EDID Copy button, Press 3 seconds, copy EDID from HD OUT display device to system .If HDMI IN interface no display connect, restore default EDID.
USB	USB signal input
K/M	Keyboard and mouse interface
LED indicator	Description
PWR	System power indicator
STA	HDMI signal indicator

Application



Order Information

Part No	Description of product	Unit
ND8310HEK-100	HDMI kvm extender,50m,HDMI 2.0; HDCP 2.2, 5V1A/DC, up to 3840*2160@60Hz	pair