4K@60 HDMI KVM Extender

ND8310HEK-120

FEATURES

- Transmits HDMI video and audio signals up to 100M over a single CAT6 cable；

- conforms to HDMI 2.0 standard, high-definition video signal resolution up to 3840*2160@60Hz

- Compliance with HDMI 2.0 and HDCP 2.2 standard

- Support USB KVM, can remotely use the keyboard and mouse operation

- Standard Ethernet IEEE-568B connection for easy installation

- High compatibility, can auto-match source and display device

- 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

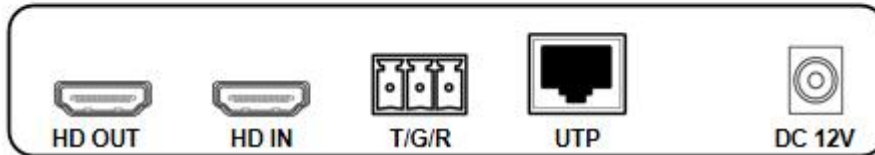| Parameter		Description
Video	Standards	HDMI 2.0; HDCP 2.2
	Maximum pixel clock	340MHz
	Maximum data rate	18Gbps
	Maximum resolution	3840*2160@60Hz
	Connector	HDMI-A
	Impedance	100Ω
UTP	Interface	RJ45
	Transmission distance	CAT6 - up to 100M at 4K@60 ,
IR	Interface	3.5mm earphone seat
	IR frequency	28Khz-61Khz
RS232	Interface	Industrial Terminal
	Signal Direction	duplexing
	Baud Rate	Self-adaptive,Max: 115200bps
	Data Bits	8
Other	Power supply	The power adapter: DC 12V
	Power dissipation	MAX 13W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	123*82*23mm
	The warranty	1 year free warranty

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Panel

Transmitter:


Receiver:
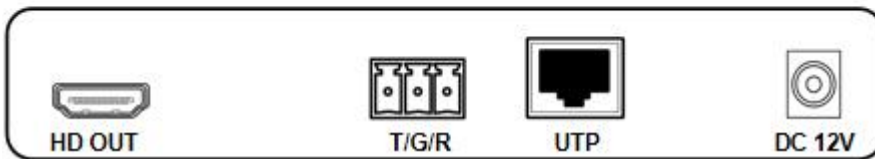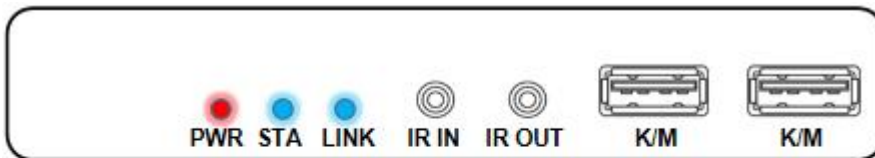
Port name	Description
IR IN/OUT	IR Input/Output
HD IN/HD OUT	HDMI Input/Output
UTP	RJ45 cable port
USB	USB Host is connected to your console or laptop
K/M	Keyboard/mouse
T/G/R	RS232 interface with TXD/GND/RXD at the terminal
DC12V	The power input
LED indicator	**Description**
LINK	Normal state often off, flashing once: NO Link; flashing three times: forward video normal, reverse data abnormal; flashing four times: forward video abnormal, reverse data normal
STA	The light is always on when it is in normal condition
PWR	Power lamp。

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Application
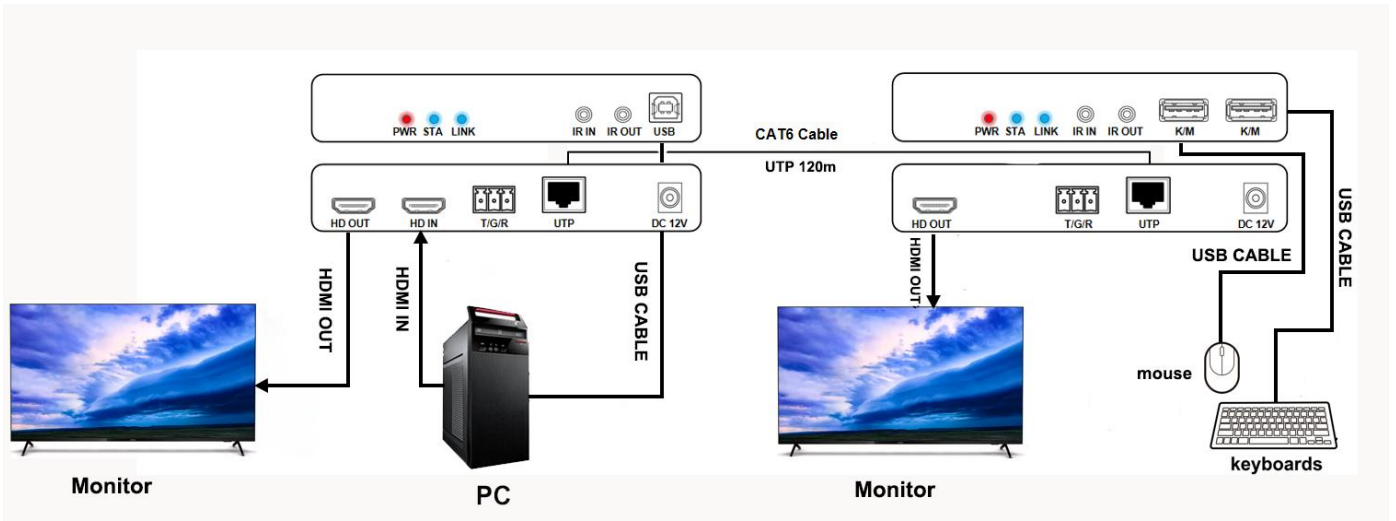
Order Information

Part No	Description of product	Unit
ND8310HEK-120	HDMI kvm extender,100m,HDMI 2.0; HDCP 2.2, 5V1A/DC，up to 3840*2160@60Hz	pair