4K@60 HDMI Extender

ND8310HE-50

NEWBRIDGE®

FEATURES

- Transmits HDMI video and audio signals up to 50M over a single CAT6 cable;
- Support video resolution up to 3840*2160@60Hz signa；
- Supports screen formats YUV444 and RGB444；
- Compliance with HDMI 2.0 and HDCP 2.2 standard；
- 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；
- Simple to install, plug and play

The extender provides extension of HDMI signals long distances up to 50m 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.

Specifications

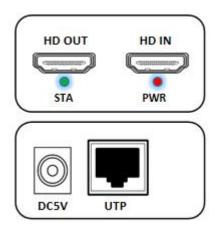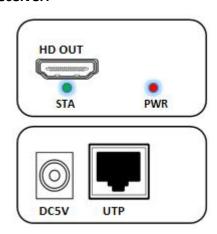| Parameter		Description
Video	Standards	HDMI 2.0; HDCP 2.2
	Maximum pixel clock	340MHz
	Maximum data rate	18Gbps
	Maximum resolution	3840*2160@60Hz
	Connector	HDMI-A
	Impedance	100Ω

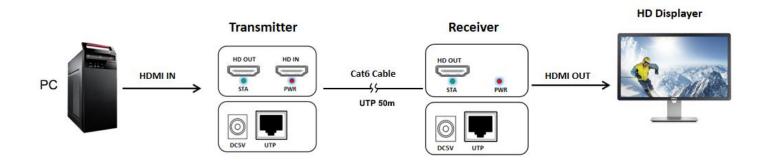| UTP	Interface	RJ45
	Transmission distance	CAT6 - up to 50M at 4K@60 ,
Other	Power supply	The power adapter: DC 5V
	Power dissipation	MAX 3W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	81*45*23mm
	The warranty	1 year free warranty

Panel

Transmitter:

Receiver:

Port name	Description
DC 5V	DC 5V/1A power input
HD IN/HD OUT	HDMI signal input/output
UTP	RJ45 port connect cat6
LED indicator	**Description**
STA	HDMI signal status indicator, HDMI signal is normal , the light is always on
PWR	Power indicator, after the power is turned on, the light is always on

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Application

Order Information

Part No	Description of product	Unit
ND8310HE-50	HDMI extender,50m,HDMI 2.0; HDCP 2.2, 5V1A/DC，up to 3840*2160@60Hz	pair