HDMI 1*2+2 Splitter Extender

ND8110HSE-2-50

NEWBRIDGE®

FEATURES

- Divide one high-definition video source into four channels, two of them can transmit over a single CAT6 cable up to 50 meters；
- Support video resolution up to 1920*1080@60Hz, 3D signal；
- Support EDID copy function, can match many kinds of display device；
- Support bidirectional 20-60KHz IR；
- Support POC function；
- Compliance with HDMI 1.3 and HDCP 1.2 standard
- High compatibility, can auto-match source and display device
- Built-in automatic adjustment system, make the image smooth, clear and stable；
- Built-in ESD protection system；
- Easy to install, plug and play；

Newbridge® The HDMI extender provides extension of HDMI signals long distances over a single CAT6 cable. It is divide one channel input into 2 channels output and 2 channels loopout, two of them can transmit high-definition video signals over a single CAT6 cable up to 50 meters. It supports high resolution up to 1080p and Support bidirectional 20-60KHz IR. 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 1.3; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	Max 1920X1080@60Hz
	Connector	HDMI-A
	Impedance	100Ω
IR	Interface	3.5mm earphone seat
	Signal direction	bidirectional direction
	Signal type	Digital
	IR frequency	20-60KHz
Ethernet	Interface	RJ45
	Transmission distance	CAT6---50M
Other	Power supply	The power adapter: DC 12V/1A
	Power dissipation	MAX 6W
	Temperature	Operating: -5℃ ～ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	TX:150*71*23mm/RX:81*45*23
	The warranty	1 year free warranty

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Panel

Transmitter:
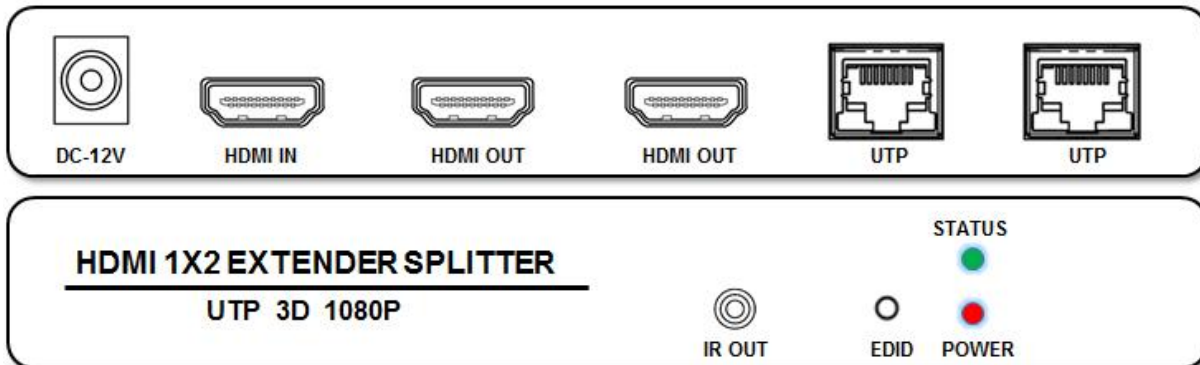

Receiver:
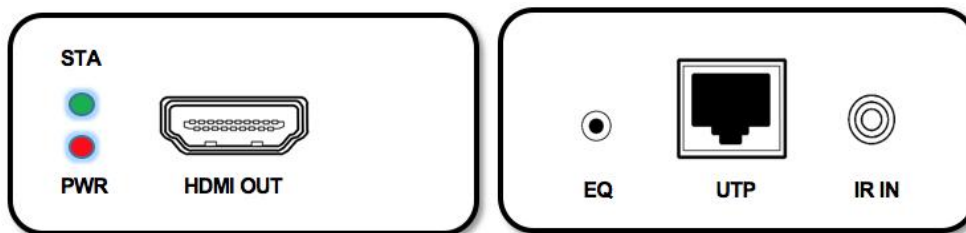
Port name	Description
HDMI IN/ HDMI OUT	HDMI signal input/ output
IR IN/IR OUT	IR signal input/output
UTP	RJ45 port connect cat6
EDID	send the HDMI IN at the TV access, long press EDID button for 3 seconds, status indicator light flashing, completed copy EDID.
EQ	EQ automatic adjust. When the video is not clear or unstable, it can be adjusted automatically through the EQ button
DC 12V	Power adapter socket
LED indicator	**Description**
STATUS/ STA	Video signal indicator
POWER/ PWR	System power indicator

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Application
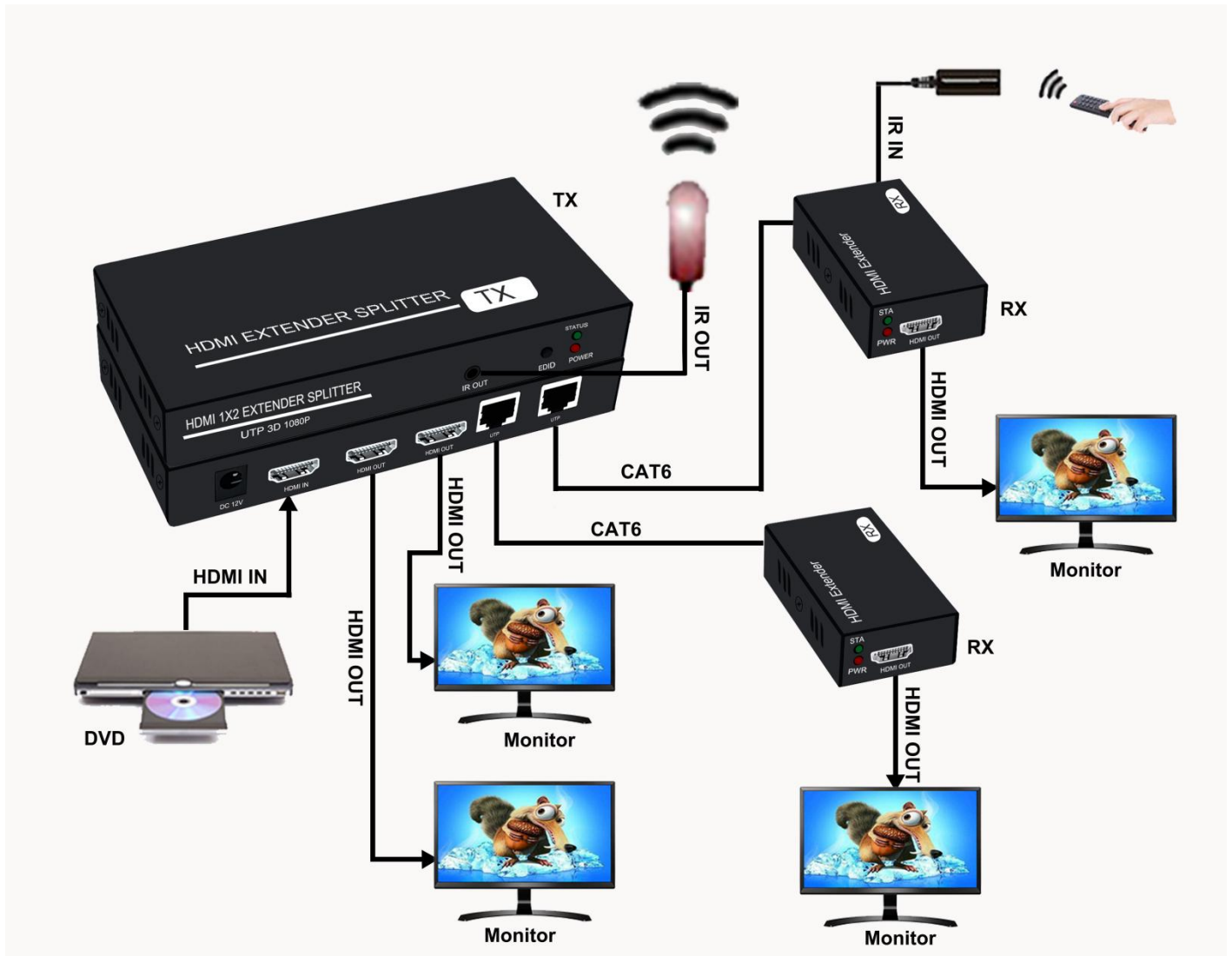
Order Information

Part No	Description of product	Unit
ND8110HSE-2-50	HDMI 1*2+2 Splitter Extender,50m,HDMI 1.3; HDCP 1.2,12V1A/DC，up to 1920*1080/60Hz	pair