HDMI 1*7+7 Splitter Extender

ND8110HSE-7-50

FEATURES

- Transmits 1 HDMI video and audio signals up to 50M over a single CAT6 cable；
- Support video resolution up to 1920*1080@60Hz, 3D signal；
- Transform one channel HDMI input to 7 channel Cat6 signal output, 1 channel loop output
- Support 13 EDID mode, 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, transform one channel input to 7 channels output and 1 channel loopout. Seven 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 13 kinds of EDID mode. 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.
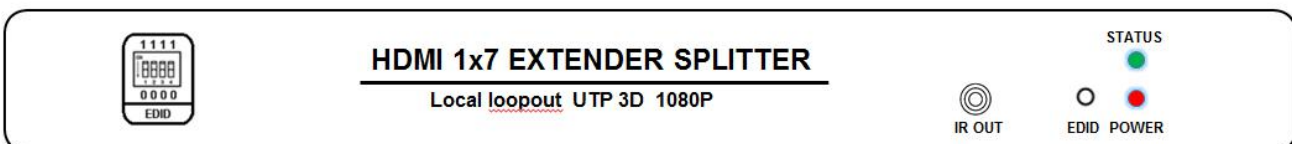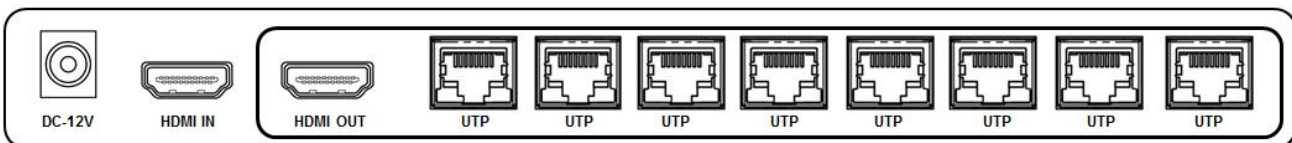
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Specifications

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/2A
	Power dissipation	MAX 12W
	Temperature	Operating: -5℃ ～ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	TX:257*87*25mm/RX:81*45*23
	The warranty	1 year free warranty

Panel

Transmitter:

Receiver:
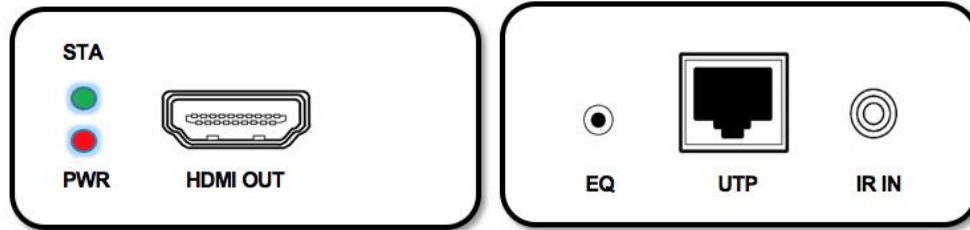
| Port name	Description
HDMI IN/ HDMI OUT	HDMI signal input/ output
IR IN/IR OUT	IR signal input/output
UTP	RJ45 port connect cat6
EDID	To dial the code switch to 0000, send the INPUT at the TV access, long press EDID button for 3 seconds, status indicator light flashing, completed copy EDID.
EQ	EQ automatic 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

EDID DIP switch	
0000	Press the EDID key to learn the monitor EDID connected to the HDMI IN interface.
0001	Open the system with auto EDID management (1080P,2CH AUDIO)
0010	Open the system with auto EDID management (1080P,DOLBY/DTS5.1)
0011	Open the system with auto EDID management (1080P,HD AUDIO)
0100	Open the system with auto EDID management (1080i,2CH AUDIO)
0101	Open the system with auto EDID management (1080i,DOLBY/DTS5.1)
0110	Open the system with auto EDID management (1080i,HD AUDIO)
0111	Open the system with auto EDID management (3D,1080P,2CH AUDIO)
1000	Open the system with auto EDID management (3D,1080P,DOLBY/DTS5.1)
1001	Open the system with auto EDID management (3D,1080P,HD AUDIO)
1010	Reserve
1011	Reserve
1100	Reserve
1101	Open the system with auto EDID management (1080P,2CH AUDIO)
1110	Open the system with auto EDID management (1080P,2CH AUDIO)
1111	Contrasting HDMI OUTPUT, Automatic matching EDID

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Application
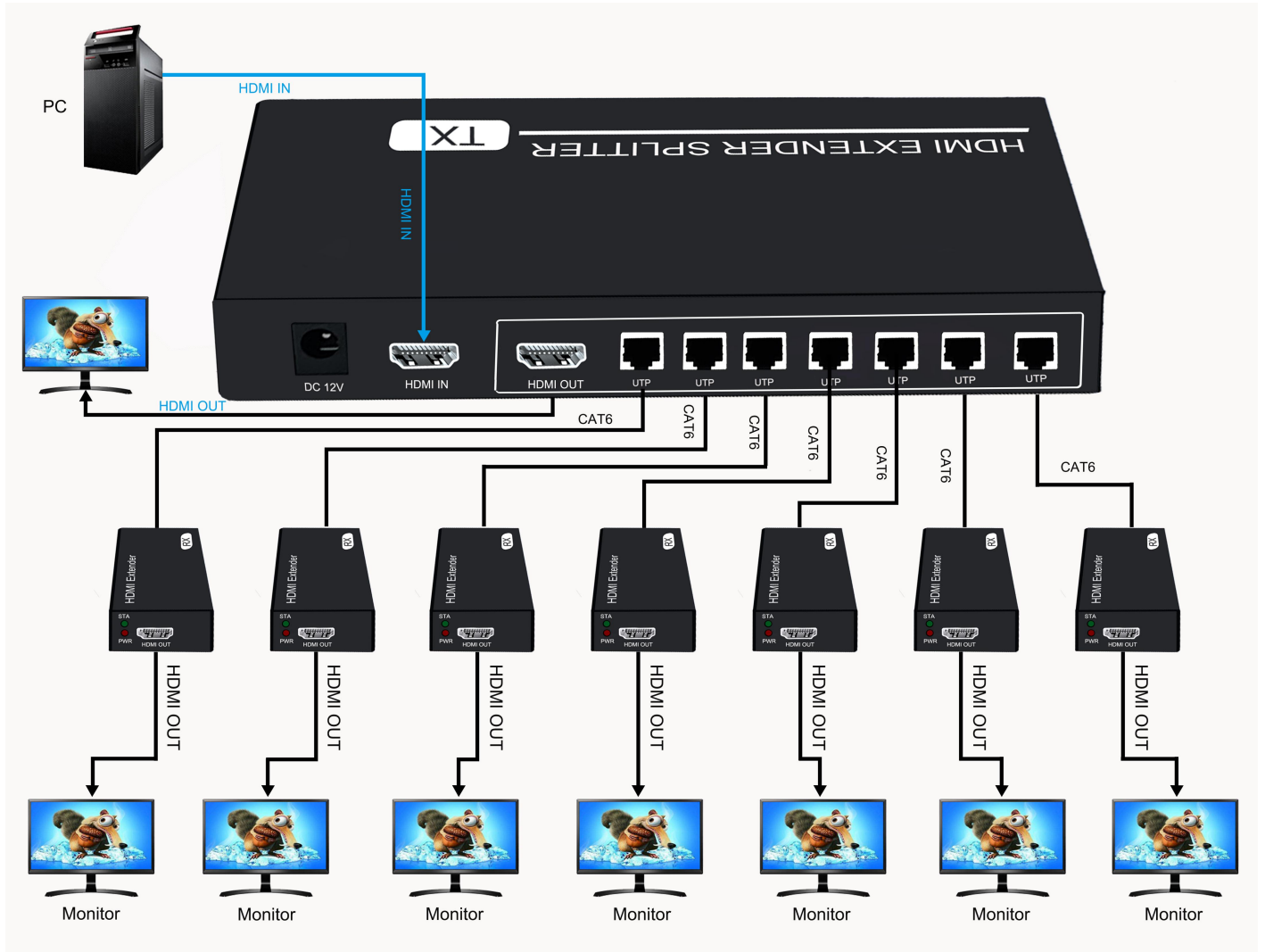
Order Information

Part No	Description of product	Unit
ND8110HSE-7-50	HDMI 1*7+7 Splitter Extender,50m,HDMI 1.3; HDCP 1.2,12V1A/DC，up to 1920*1080/60Hz	pair