Model No. WST-PEX007

HDMI 4K Cat.5e/6 Extender-Transmitter

Model No. WST-PEX008

HDMI 4K Cat.5e/6 Extender-Receiver

Safety Instruction

Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
請勿將本設備暴露於雨水，濕氣，滴水或濺水之下，且不得在其上方放置裝有液體的物體，例如花瓶。

Clean this apparatus only with dry cloth.
僅用乾布清潔本設備

Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.
請勿將本機安裝或放置在書架，內置櫃子或其他密閉空間中。請確保設備通風良好。

Unplug this apparatus during lightning storms or when unused for long periods of time.
在雷雨天或是長時間不使用時，請拔下本設備電源。

To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
為避免因過熱而導致電擊或火災的危險，請勿用報紙，桌布，窗簾和類似物品阻塞設備的通風口。

Protect the power cord from being walked on or pinched particularly at plugs.
防止踩踏或擠壓電源線，尤其是插頭。

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
請勿將其安裝在任何熱源附近，例如散熱器，蓄熱器，火爐或其他產生熱量的設備（包括放大器）

Only use attachments / accessories specified by the manufacturer.
僅使用製造商指定的附件/配件。

Do not place sources of naked flames, such as lighted candles, on the unit.
請勿在設備上放置明火，例如點燃的蠟燭。

Refer all servicing to qualified service personnel.
請將所有修繕交與專業的服務人員。

Introduction

WST-PEX007 and WST-PEX008 are 4K HDMI chainable extender that uses an Ethernet cable to receive an HDMI signal up to 140m. WST-PEX008 can connect   with many RX devices (WST-PEX007) to receive up to 250 HDMI signals simultaneously. With one input and multiple outputs, the total chainable distance can reach up to 2.5km. This is very useful for large gyms, stations, and airports that require extender and splitter functions of multiple HDMI signals.

Key Features

- Supports resolutions up to 4K@30Hz 4:4:4.
- Max chainable and split up to 250 HDMI displays
- Signal extension up to 140m over Cat.6; max distance up to 2.5km
- With an EDID function, it can effortlessly present video with the desired resolution

Package Contents

WST-PEX007

Chainable HDMI Extender (Transmitter) x 1 | 5V/2A US Power adapter x 1 | Accessory Set x 1 |

WST-PEX008

Chainable HDMI Extender (Receiver) x 1 | 5V/2A US Power adapter x 1 | Accessory Set x 1 |

Panel Description

WST-PEX007

WST-PEX008

LED Indication

LED	LED Color	Description
Power	GREEN ON/OFF	Power ON/OFF
LINK	BLUE ON/OFF	TX/RX Linked/OFF
RJ45	GREEN ON/OFF	Linked/OFF
RJ45	YELLOW ON/OFF	Data Transmission/OFF

EDID Configuration

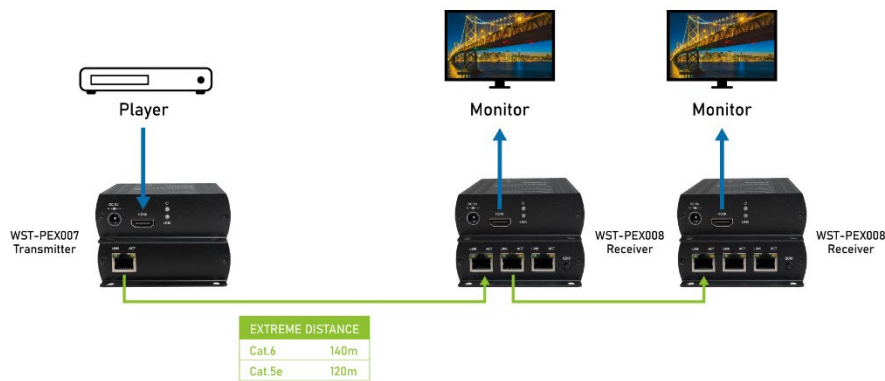| Action	Description
Press	Display MAC, IP address
Keep pressing until it work.	Copy EDID from receiver to transmitter end.

Application 1

Splitter Extender Application

(Max chainable and split up to 250 HDMI displayers)
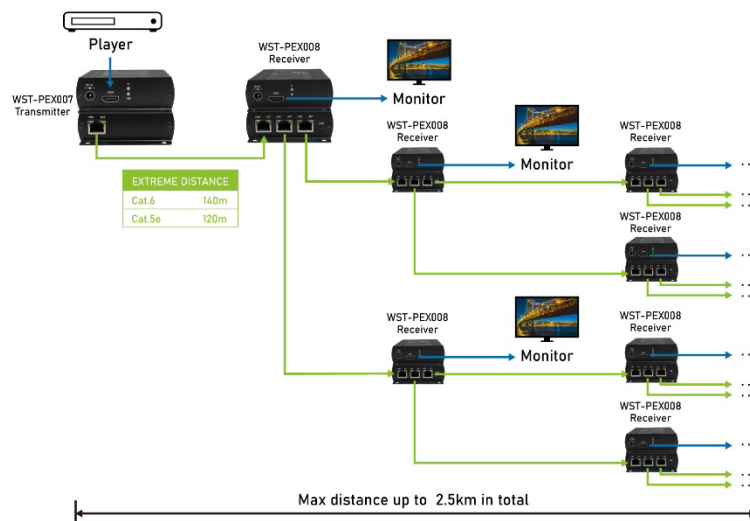
HDMI Cable —— Cat5e/6 Cable ——

Application 2

Cascade Application

(Max chainable and split up to 250 HDMI displayers)
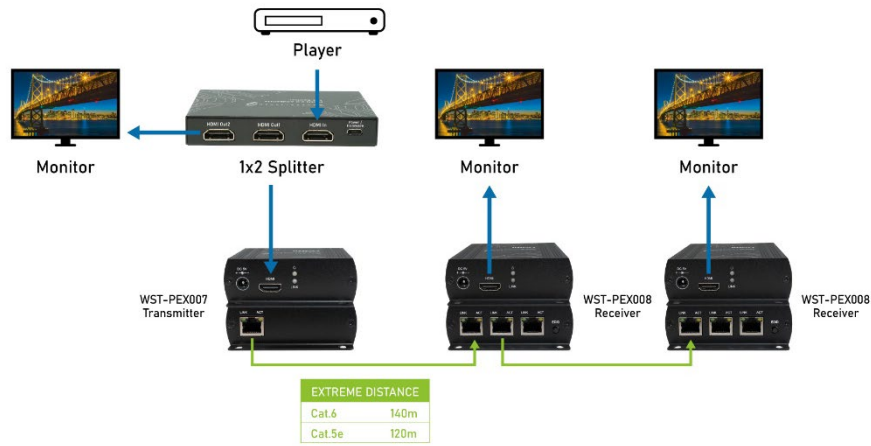
HDMI Cable —— Cat5e/6 Cable ——

Application 3

Loopout Extender Application
(Max chainable and split up to 250 HDMI displayers)
HDMI Cable ▬▬▬ Cat5e/6 Cable ▬▬▬

Specifications

Interface	WST-PEX007	WST-PEX008
Inputs	HDMI Type-A (Female) x 1 DC Jack (Female) x 1	RJ-45 (Female) x 1 DC Jack (Female) x 1
Outputs	RJ-45 (Female)　x 1	RJ-45 (Female) x 2 HDMI Type-A (Female) x 1
Transmission		
HDMI Compliant	HDMI 1.4	HDMI 1.4
HDCP Compliant	1.4	1.4
Max. Video Resolution	3840x2160@30Hz YUV:4:4:4	3840x2160@30Hz YUV:4:4:4
Max. Transmission Distance	120m over Cat.5e cable, 140m over Cat.6 cable	120m over Cat.5e cable, 140m over Cat.6 cable
Audio Format	7.1 LPCM 192 kHz	7.1 LPCM 192 kHz
Power		
Power Supply	5V/2A DC	5V/2A DC
Environment		
Operating Temperature	0˚C ~ 55˚C	0˚C ~ 55˚C
Storage Temperature	-20˚C ~ 85˚C	-20˚C ~ 85˚C
Product Structure		
Main Material	Aluminum (Front and Rear Panels : Iron)	Aluminum (Front and Rear Panels : Iron)
Size W x D X H	88 x 110 x 30mm	88 x 145 x 30mm
Weight	230g	300g
Country of Origin	Taiwan	Taiwan
Certification		
Safety & Emission	CE / FCC / RoHS / REACH	CE / FCC / RoHS / REACH