

# Specification Sheet

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

Model No. WST-PEX007



## Introduction

WST-PEX007 is a 4K HDMI chainable extender that uses an Ethernet cable to transmit an HDMI signal up to 140m. WST-PEX007 can connect to many types of RX devices (WST-PEX008) to split into 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 spaces like 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
- Must be used in conjunction with WST-PEX008 (Receiver)

## Package Contents

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

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## Specifications

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



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## LED Indication

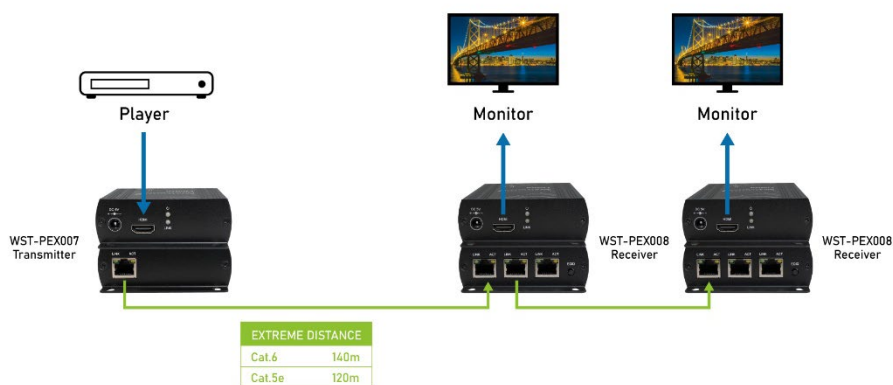
LED	LED Color	Description
Power	GREEN ON / OFF	Power ON / OFF
LINK	BLUE ON / OFF	TX / RX Linked / OFF
RJ45	GREEN ON / OFF	Linked / OFF
RJ45	YELLOW ON / OFF	Data Transmission / OFF

## Application 1 – Extender for 1 x 2 Splitter

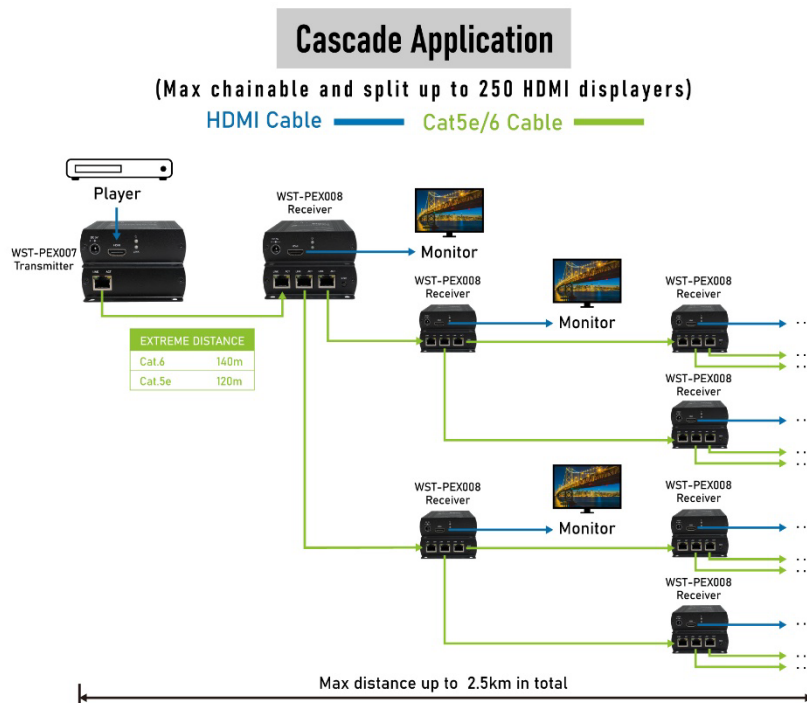
### Splitter Extender Application

(Max chainable and split up to 250 HDMI displays)

HDMI Cable — Cat5e/6 Cable —



## Application 2 – Chainable for more displays



## Application 3 – Use with WST-PSP002 as an HDMI loop-out for local monitoring

