

Specification Sheet

HDMI 4K60 HDR 1G AV over IP Series

Model No. WST-PIP006 | WST-PIP007 | WST-PIP008



Introduction

The WST-PIP006_8 series offers a full HDMI 2.0 AV over IP solution. This series comes loaded with a number of advanced features such as the flexibility of Ethernet or Fiber as a transport method. It perfectly extends Video, Audio, USB and IR/RS-232 access to remote multimedia players, and computers with impeccable 4K UHD video quality and ultra-low latency over a Gigabit LAN.

Advanced functions of this system include Group Switching, Video-wall Configuration, Mouse Roaming, and Console Collaboration. They all bring high flexibility and convenience to make your system a versatile one.

Unique to this receiver is the real-time video sources of the transmitter units, which can be previewed intuitively via On Screen Display (OSD) and controlled by keyboard/mouse, WebGUI, IP Master Controller, and Telnet.

Key Features

- 4K@60 1Gbps AV over IP transmitter in Unicast or Multicast mode
- Supports multi-channel audio passthrough including DTS:X & Dolby Atmos
- IP interface: RJ45 / SFP
- Supports comprehensive USB over IP functionality (USB flash drive, keyboard and mouse) and seamless collaboration across multiple windows
- Supports PoE (IEEE 802.3af)
- Supports IP to IR/ RS-232, converting IP signals into IR and RS-232 commands for device control
- Controlled via hotkeys, WebGUI, IP Master Controller, and Telnet
- OSD-based source selection allows each receiver to connect to authorized transmitters for flexible AV management.
- Supports use of external control center (IP Master Controller) to provide expanded functionality
- Automatically embedded analog Line In streaming output, can be independently routed to any receiver
- Sends audio directly via Mic-In to analog Line-Out on current routed transmitter
- Three user role types: Administrator, Super User, and Simple User
- Fast Switching capability ensures smooth operation and timely responsiveness

Package Contents

WST-PIP006 : Transmitter x 1 | 12V/3A Multi-Country Power Adapter x 1 | 3-pin Terminal Blocker x 1 | IR Emitter cable x 1 | IR Receiver cable x 1 | Bracket x 2

WST-PIP007 : Receiver x 1 | 12V/3A Multi-Country Power Adapter x 1 | 3-pin Terminal Blocker x 1 | IR Emitter cable x 1 | IR Receiver cable x 1 | Bracket x 2

Specification Sheet



WST-PIP008 : Controller x 1 | 12V/3A Multi-Country Power Adapter x 1 | Bracket x 2

Specifications

Model No	WST-PIP006	WST-PIP007
VIDEO INPUT	HDMI Type-A (Female) x 1	1G Lan Port (RJ-45) x 1 SFP Slot (Module not including) x 1
VIDEO OUTPUT	Local : HDMI Type-A (Female) x 1 1G Lan Port (RJ-45) x 1 SFP Slot (Module not including) x 1	HDMI Type-A (Female) x 1
AUDIO	Analog Audio In Jack (3.5mm) x 1 Analog Audio Out Jack (3.5mm) x 1	Analog Audio In Jack (3.5mm) x 1 Analog Audio Out Jack (3.5mm) x 1 S/PDIF Port x 1
Control I/O	IR IN Jack (3.5mm) x 1 / IR OUT Jack (3.5mm) x 1 RS-232 (3-pin Terminal Block) x 1 Host : USB Type-B (Female)x 1	IR IN (3.5mm) x 1 / IR OUT (3.5mm) x 1 RS-232 (3-pin Terminal Block) x 1 USB2.0 Type-A HUB x 2 USB1.1 Type-A HID x 2
Transmission		
HDMI Compliant	HDMI 2.0 (DVI 1.0)	HDMI 2.0 (DVI 1.0)
HDCP Compliant	2.x	2.x
Max. Input	HDMI : 4096x2160@60Hz (YUV 4:4:4, YUV 4:2:2, RGB)	HDMI : 4096x2160@60Hz (YUV 4:4:4, YUV 4:2:2, RGB)
Max. Output	HDMI : 4096x2160@60Hz (YUV 4:4:4, YUV 4:2:2, RGB)	HDMI : 4096x2160@60Hz (YUV 4:4:4, YUV 4:2:2, RGB)
IR Frequency	30-50 kHz	30-50 kHz
Baud Rate	115200 kHz	115200 kHz
Power		
Power supply	DC 12V /3.0A	DC 12V /3.0A
Max. Power Consumption	8.4W	8.5W
Environment		
Operating Temperature	0 ~ 40°C	0 ~ 40°C
Storage Temperature	- 20 ~ 60°C	- 20 ~ 60°C
Product Structure		
Main Material	Iron	Iron
Size W x D x H	221.0 x 105.3 x 26.0 mm	221.0 x 105.3 x 26.0 mm
Weight	641.0 g	643.0 g
Country of Origin	Taiwan	Taiwan

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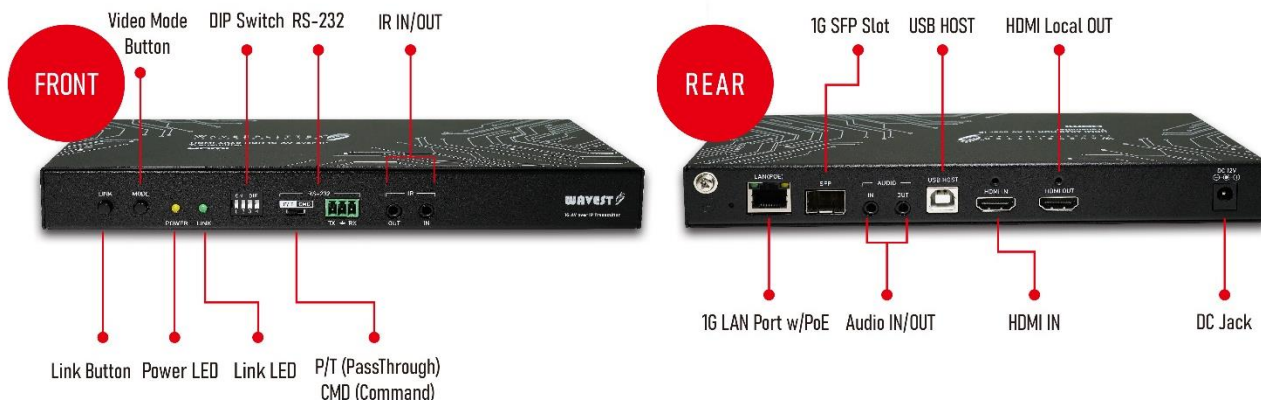
Certification		
Safety & Emission	CE / FCC / RoHS / REACH	CE / FCC / RoHS / REACH

Model No.	WST-PIP008
Outputs	HDMI Type-A (Female) x 1
Control I/O	Ethernet (RJ-45) x 2 Device Network / User Network IR Extender 3.5mm Jack x 1 RS-232 (3-pin terminal block) x 1 Trigger (10-pin terminal block) x 1 Control (5-pin terminal block) x 1 [Reserved] USB2.0 Type-A (for keyboard & mouse) x 2
Transmission	
HDMI Compliant	HDMI 2.0 (DVI 1.0)
HDCP Compliant	2.x
Max. Output	HDMI : 3840x2160@60Hz
IR Frequency	38 kHz
Baud Rate	115200 kHz
Power	
Power supply	DC 12V 3.0A
Max. Power Consumption	2.5W
Environment	
Operating Temperature	0 ~ 40℃
Storage Temperature	- 20 ~ 60℃
Product Structure	
Main Material	Iron
Size W x D x H	300.0 x 164.0 x 44.0 mm
Weight	1367g
Country of Origin	Taiwan
Certification	
Safety & Emission	CE / FCC / RoHS / REACH

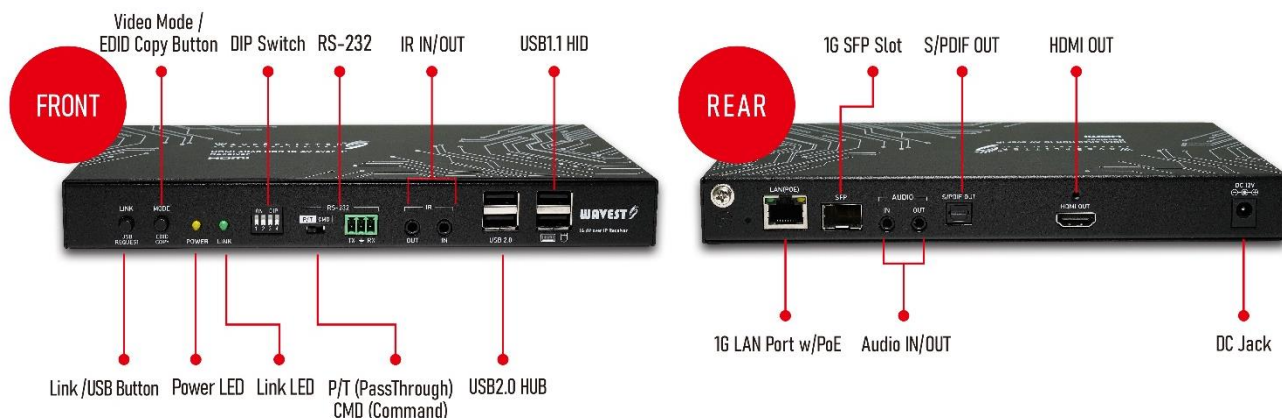
Hardware Overview

Specification Sheet

WST-PIP006 Transmitter



WST-PIP007 Receiver



WST-PIP008 Controller



Application

Multi Application

HDMI Cable — LAN Cable —

