

# User Manual



## IPS11& IPS12

### HDMI Streaming Transmitter& Receiver



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Version: IPS11& IPS12\_2016V1.1

### Statement

Read this user manual carefully before using this product. Pictures shown in this manual is for reference only, different model and specifications are subject to real product.

This manual is only for operation instruction only, not for any maintenance usage. The functions described in this version are updated till December 2016. Any changes of functions and parameters since then will be informed separately. Please refer to the dealers for the latest details.

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**All product function is valid till 2016-12-2.**

### Safety Precaution

To insure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- Do not dismantle the housing or modify the module to avoid electrical shock or burn.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Do not expose the unit to rain, moisture or install this product near water.
- Install the device in a place with fine ventilation
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Unplug the power cord when left unused for a long period of time.
- Refer all servicing to qualified service personnel.

### After-sales Service

We provide limited warranty for the product within **three years** counting from the first day you buy this product (The purchase invoice shall prevail).

For more details, please contact your dealer.

## Introduction

IPM1 Series is a HDMI Streaming media including a transmitter and a receiver. Accommodating HD video ports and IP ports, IPM1 features real-time AV coding (transmitter) and decoding (receiver) to broadcast 1080p (max) HDMI& DVI signal from 1 transmitter to 1 or several receivers with the assist of an Ethernet Switch. Besides, it can be powered with PoE solution for up to 200m via single CAT6.

It is ideal in various occasions, such as computer realm, monitoring, conference room, big screen displaying, television education, command & control center and smart house etc.

## Features

- HD interface for digital audio and 1080p@60Hz (max) video up to 175/200m with CAT5e/CAT6
- 1 RJ45 port for Ethernet Interchange connection
- HDMI 1.3& HDCP 1.3 compliant
- Pass through input resolution to output
- Intuitive indicator for power connection& signal transmission status
- Broadcast HDMI signal from 1 transmitter to 1 or several receiver(s)
- Powered by adapter or Ethernet Switch with PoE solution
- Compact design for easy operation

## Package List

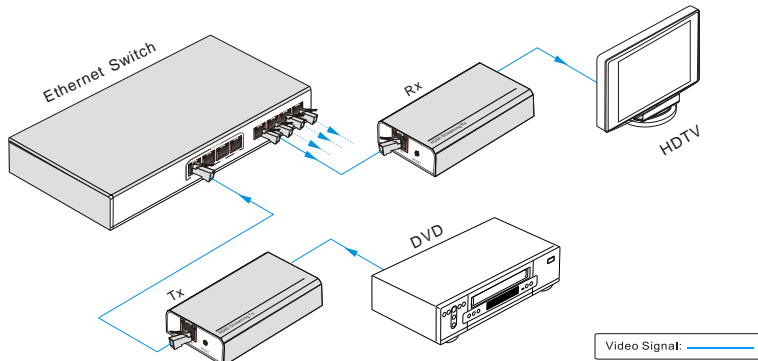
No.	Accessories
1	<b>IPS11:</b> 1 x IPS11, 2 x Mounting ears, 2x Screws, 4 x Plastic cushions, 1 x User manual
2	<b>IPS12:</b> 1 x IPS12, 2 x Mounting ears, 2x Screws, 4 x Plastic cushions, 1 x User manual
3	<b>Power Adapter:</b> 1 x Power Adapter (DC 5V 1A)
4	<b>IPS11&amp; IPS12:</b> 1 x IPS11, 1 x IPS12, 4 x Mounting ears, 4 x Screws, 8 x Plastic cushions, 2 x Power Adapters (DC 5V 1A), 1 x User manual

**Notes:** 4 packing schemes are provided for different orders, please check your accessories accordingly. If there is any broken or missing part, contact your dealer to make up.

## HDMI Streaming Transmitter& Receiver

### Connection

The figure below illustrates a typical connection that can be utilized with the HD Video Streaming transmitter& receiver:



One or more receiver may be utilized in this case to broadcast signal from 1 transmitter to 1 or more receiver.

**Note:** Do not share ground connection with display.

Or you can connect the IP ports of transmitter and receiver directly if 1 receiver is needed. In this case, connect DC 5V power adapter to both ends.

### Specification

Input			
Input	1 HDMI, 1 IP		
Input Connector	1 female type A HDMI 1.4, 1 RJ45		
Min/ Max Signal Level	T.M.D.S. 2.9V~3.3V		
Output			
Output	1 HDMI, 1 IP		
Output Connector	1 female type A HDMI 1.4, 1 RJ45		
Min/ Max Signal Level	T.M.D.S. 2.9V~3.3V		
Output Impedance	Differential 100Ω		
Standards	Compliant with HDMI 1.3& HDCP 1.3		
General			
Transmission Distance	200m (CAT6) 175m (CAT5e)	Power Consumption	transmitter: 4.2W receiver: 3.5W
Power Supply	DC 5V 1A	Resolution	1080P@60Hz(Max)
Temperature	0 ~ 50℃	Humidity	10% ~ 90%
Weight	80g	Dimension	121x21x60mm (W*H*D)









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