

# **HDMI 2x1 Multi-Viewer With PIP**

**User manual**

***V1.0***

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## **I. Introduction**

This product is a high performance 2 by 1 Multi-Viewer. It supports two High de finition input source display on one screen. As a Multi-Viewer, it can display on one screen in 4 modes.

## **II. Features**

1. Compliant with HDMI 1.3a, HDCP 1.2 ;
2. Supports multiplexed HDMI 2-input and 1-output and 4 display modes ;
3. Supports up to 1080p High De finition resolution ;

4. Support scaler up, scaler down function ;
5. Support multi output resolution ;
6. Support digital audio format LPCM/AC3/DTS

### III. Package

1. HDMI 2x1 Multi-Viewer ----- 1PCS
2. 5V1A DC Power adapter ----- 1PCS
3. Operation Manual ----- 1PCS

### IV. Specifications

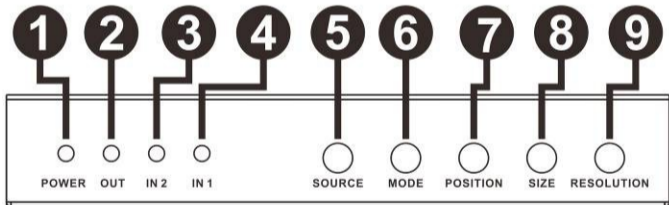
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|----|------------------|--|
| 1. | Video Bandwidth  | 225MHz[6.75Gbps]                                 |
| 2. | Input Ports      | 2 × HDMI (Female type)                           |
| 3. | Output Ports     | 1 × HDMI (Female type),                          |
| 4. | Audio output     | PCM2, 5.1, 7.1CH, Dolby 5.1, DTS5.1              |
| 5. | Input Resolution | 480i60Hz,480p60Hz,576i50Hz,576p50Hz,720p50/60Hz, |

		1080i50/60Hz,1080p24/30/50/60Hz,800x600@60, 1024x768@60,1280x720@60,1920x1080@60;
6.	Output Resolution	1080p,1080i,720p,1024x768,1360x768
7.	ESD Protection	Human Body model: ±8 kV (air-gap discharge) ±4 kV (contact discharge)
8.	Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
9.	Dimensions	70 mm (W)×140mm (D)×25 mm (H)
10.	Weight	300 g
11.	Chassis Material	Metal
12.	Silkscreen Color	Black
13.	Operating Temperature	0 °C~40 °C/ 32 °F~104 °F
14.	Storage Temperature	20 °C ~ 60 °C/ 4 °F ~140 °F
15.	Relative Humidity	20~90 % RH (non-condensing)

16. Power Consumption (Max) 10W

## V. Operation controls and Functions

### Front Panel



1. **POWER LED:** This red LED illuminates when the device is connected with power supply.
2. **OUTPUT LED:** This red LED illuminates when the TV plug in corresponding HDMI output

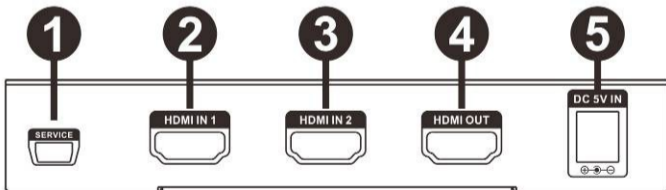
Port.

3. **IN2 LED:** This red LED illuminates when the HDMI IN2 is selected as main image.
4. **IN1 LED:** This red LED illuminates when the HDMI IN1 is selected as main image.
5. **SOURCE:** Press the button to select the input source as main image, and the LED will indicate the corresponding input source.
6. **MODE:** Press the button to select display mode. **See the description 1.**
7. **POSITION:** Press the button to select the position of sub image when in PIP mode.
8. **SIZE:** Press the button to select the size of sub image when in PIP mode.
9. **RESOLUTION:** Press the button to select the output resolution.

<b>NO.</b>	<b>RESOLUTION</b>
1	1080P, Main image audio
2	1080I, Main image audio

3	720P, Main image audio
4	1024x768, Main image audio
5	1360x768, Main image audio

## Rear Panel



1. **SERVICE:** Connected to computer via RS232 tool, and controlled via host-computer software.
2. **HDMI IN1:** This slot is where you connect the HDMI source output from DVD, PS3.
3. **HDMI IN2:** This slot is where you connect the HDMI source output from DVD, PS3.
4. **HDMI OUTPUT:** This slots is where you connect the HDTV or monitor with HDMI cable.
5. **DC 5V IN:** Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet.

**Description 1 Mode Introduction:**

1. **Mode 1: One-view mode**
2. **Mode 2: PIP mode**
3. **Mode3: POP mode A**



#### **4. Mode 4: POP mode B**

## Mode 1



## Mode 2



## Mode 3



## Mode 4



## VI. Application Example

