ANGUSTOS

HDMI 4×1 Quad Multi-Viewer

AHAS-H0401M

User Manual

VER 1.2

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.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect andextend the life of your equipment.

Table of Contents

1. Introduction

The high performance 4×1 quad multi-viewer supports four routes HDMI high defination input contents be displayed on one HDMI screen and one VGA screen simultaneously. It supports analog audio output that can be selected different input source. Supports five multi-view display modes. Output resolution can be adjusted and supports the maximum up to 1920×1080@60Hz. The product can be controlled via the front panel button and remote control.

2. Features

☆ HDMI 1.4, HDCP 1.4 compliant
☆ Input resolution can automate recognition
   (480p~1080P60, 800x600~1920x1080)
☆ Output resolution can be selected by on-panel button and remote control, the maximum up to 1080P@60Hz (1920x1080P@60Hz, 1280x720P@60Hz)
☆ Audio supports LPCM 2CH
☆ Supports 1/2/4 windows multi-view modes
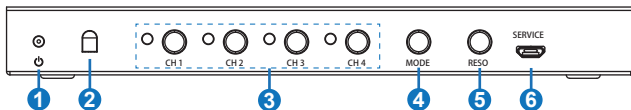☆ Control is via on-panel button and remote control

3. Package Contents

① 1× HDMI 4×1 Quad Multi-Viewer
② 1× 12V/1A DC Power Adapter
③ 1× Remote Control
④ 2× Mounting Ears
⑤ 1× User Manual

4. Specifications

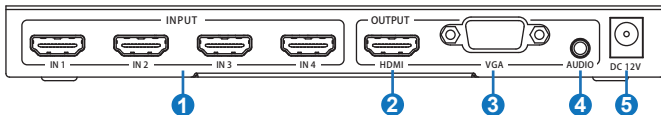| Technical	
HDMI Compliance	HDMI 1.4
HDCP Compliance	HDCP 1.4
Video Bandwidth	4.95Gbps
Video Resolutions	the maximum up to 1920×1080P@60Hz
Color Depth	8-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Analog Audio Formats	LPCM2.0 44.1KHz 48KHz
ESD Protection	Human-body Model： ±8kV (Air-gap discharge) , ±4kV (Contact discharge)
Connections	
Inputs ports	4x HDMI Type A [19-pin female] 1x SEVICER [Micro USB, Update port]
Outputs ports	1x HDMI Type A [19-pin female] 1x VGA [VGA-D] 1x Audio [3.5mm Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	185mm (W)×111.8mm (D)×21mm (H)
Weight	500g
Power Supply	Input: AC100~240V 50/60Hz, Output: DC12V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	5.28W (max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

5. Operation Controls and Functions

5.1 Front Panel

Number	Name	Function description
1	POWER LED	The LED will illuminate green when the unit is working, red when the unit is in standby mode.
2	IR	IR receiver window. It accepts the remote control signal of this device only.
3	CH1/CH2/CH3/CH4 button	Selects input channel button (Please see "6. Display Modes" detail description).
4	MODE button	Press this button to cyclical selection display mode output (Please see "6. Display Modes" detail description). Press this button up to 5s, the output screen is full screen and equal proportion display.
5	RESO	Cycling select different output resolution. Press this button up to 5s to opening or closing window display frame.
6	SERVICE port	Fireware update used. (Manufacture use only.)

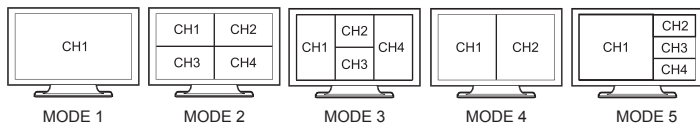## 5.2 Rear Panel

Number	Name	Function description
1	HDMI INPUT	Connect to HDMI source device such as DVD player or PS4 with a HDMI cable.
2	HDMI OUTPUT	Connect to HDMI display device such as TV or projector with a HDMI cable.

3	VGA OUTPUT	VGA output port, this port output signal is the same as the HDMI output port.
4	AUDIO OUTPUT	Analog audio output port. (Note: If the HDMI output is MODE 1, the audio output follows the video content. If the HDMI output is MODE 2/3/4/5, press CH1/CH2/CH3/CH4 up to 5s to selecting audio output or using remote control to cyclical selection audio output. The default status is CH1 screen audio output.)
5	DC 12V	Plug the 12V/1A DC power supply into the unit and connected the adapter to an AC outlet.

6. Display Modes

The quad multi-viewer has 5 display modes. Please see the below detail description.

MODE 1   MODE 2   MODE 3   MODE 4   MODE 5

MODE 1: The quad multi-viewer will display separately four HDMI inputs. Press the CH1/CH2/CH3/CH4 buttons on-panel or using IR remote control the Source 1/2/3/4 buttons to selecting input source, corresponding on-panel light is on.
MODE 2: The quad multi-viewer devides four HD inputs with same size and display on a screen. The on-panel four lights is on. In the CH1 window, you can press the CH1 button on-panel or using IR remote control the Source 1 button to cyclical selection four inputs source. In the CH2 window, you can press the CH2 button on-panel or using IR remote control the Source 2 button to cyclical selection four inputs source...etc.
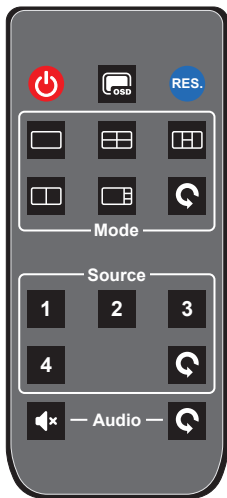The rest can be done in the same manner.
MODE 3: The quad multi-viewer devides four HD inputs and display on a screen. The on-panel four lights is on. Operation method is the same as MODE 2.

MODE 4: The quad multi-viewer devides two HD inputs with same size and display on a screen. The on-panel CH1/CH2 lights is on. In the CH1 window, you can press the CH1 button on-panel or using IR remote control the Source 1 button to cyclical selection four inputs source. On the CH2 window, you can press the CH2 button on-panel or using IR remote control the Source 2 button to cyclical selection four inputs source.

MODE 5: The quad multi-viewer devides four HD inputs and display on a screen. The on-panel four lights is on. Operation method is the same as MODE 2.

7. Remote Control

⏻ : Press this button to setting standby mode, press this button again to power on the unit.

▭ₒₛ𝒹 : Press this button to opening or closing display window frame.

RES. : Press this button to cyclical selection output resolution.

Mode:

▭ ⊞ ⊞ ⊓⊓ ⊏⊦ : Press these buttons to selecting output display mode

↻ :Press this button to cyclical selection output display mode.

Source:

1/2/3/4: Press these buttons to selecting input source.

↻ :Press this button to cyclical selection input source (This button can be used only at the MODE 1).

Audio:

◀× : Mute button.

↻ :Press this button to cyclical selection audio output.

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8. Application Example

TV or Monitor

Power Supply

INPUT

OUTPUT

IN 1 IN 2 IN 3 IN 4 HDMI VGA AUDIO DC 12V

DVD or Blu-ray Player

DVD or Blu-ray Player

UHDTV

2.0 Speakers