



**HD-721 Video Upscaling Rotary Controller** is a high quality and high performance image upscaling rotary switch, use the high speed image processor chip. This product is main function is that can supports HDMI, DP, Mobile MHL and VGA signal input and switch any one of the input signals to HDMI output.

This product supports video and audio synchronous switch of different signal formats, and setting the image 90 degree, 180 degree and 270 degree rotation.

Multi-control mode: users can control the device via chassis button, IR remote, RS232 control to operate it.

- Support scaled synchronizing mobile phone vertical video signal of to vertical high resolution displayer.
- Support PC, DVD players and other HDMI, VIDEO, VGA, DP output signal 90,180,270 degrees of rotation.
- Input signal support 1 VGA, 2x DP( Display Port ), 4x HDMI signals, including 3 x HDMI signal compatible MHL signal.
- Output including 1x HDMI and 1x stereo audio signal, support switching the sound and video signal synchronous.
- Input sources can be mobile phone, tablet, laptop, PC...etc. However if the input sources are not 16:9 image format which whether the vertical or horizontal image, the HD-721 will not able to display as full screen or the edge of images will be cropped.

### Function

- ◆ **Input signal:** Supports 1x VGA, 2x DP ( DisplayPort ), 4x HDMI and 1x Audio ( bound with VGA Signal ) input, the highest output signal supports 1920x1200@60Hz and downward compatibility.
- ◆ **Mobile phone MHL:** 3x HDMI input ports supports Mobile Phone signal(MHL) input, But it need the mobile phone supports function.
- ◆ **Output signal :** 1x HDMI and 1x Stereo Audio output, the output resolution supports 1280x720@60Hz and 1920x1080@60Hz optionally.
- ◆ **Switch function:** Select one of different input signal source and switch to HDMI display, and realized switching video and audio synchronously via remote controller or chassis buttons or Control software.
- ◆ **Upscaling function:** Different Resolution, different refresh rate and different signal format ( VGA, DP, HDMI ) can be upscaled and switched to fixed HDMI signal and fixed resolution output. The output resolution supports 1280x720@60Hz and 1920x1080@60Hz optionally.
- ◆ **Image rotation:** Supports image 90 degree, 180 degree and 270 degree rotation function via remote controller or chassis buttons. This function is widely use in specific place which need the image rotation.



The original image



Rotate 90°



Rotate 180°



Rotate 270°

**● iPhone 5, iPhone 6 :**

Connect iPhone5, iPhone6 via Lightning to HDMI cable to the HDMI port, and setting in the OSD to make mobile phone vertical video shows on displayer synchronously.

**● Mobile phone wireless projector:**

Currently Android 4.2 version and upward compatibility, iPhone5, iPhone6 can support this function. Only need one mobile phone wireless projector to connect with HD-721 video upscaling rotary controller, it can shows vertical mobile phone video or other contents on the displayer.

**Specification**

<b>Input signal :</b>	
<b>V G A * 1</b>	D-SUB 15-pin , support 640x480@60Hz ~ 1920x1200@60Hz
<b>D P * 2</b>	DisplayPort 1.1
<b>HDMI / MHL * 3</b>	HDMI 1.4(HDCP 1.3) , compatible MHL signal
<b>H D M I * 1</b>	HDMI 1.4(HDCP 1.3)
<b>A u d i o * 1</b>	3.5mm stereo audio signal, corresponding VGA video signal.
<b>Output signal :</b>	
<b>H D M I * 1</b>	HDMI 1.4(HDCP 1.3) , 1080P(1920 x 1080@60 Hz) and 1280x720@60Hz
<b>A u d i o * 1</b>	3.5mm stereo audio signal. (supports L/R stereo audio)
<b>Others :</b>	
<b>C o n t r o l</b>	IR remote, Chassis button, RS-232 serial port
<b>Power supply / consumption</b>	DC 12V / 10W
<b>Dimension / Weight</b>	W 170 x D 280 x H35 mm / 1.1Kg

**Application**



Meicheng has right to change the information contained herein without notice, machine specifications standard quantity depends on actual production.

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