

# LM-TN701 HD Video upscaling Rotary Switch

## Introduction

LM-TN701 HD Video Upscaling Rotary Switch 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, Smart Mobile 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.

## Features

### 1. Input signals

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.

### 2. Mobile Phone Input function

3x HDMI input ports supports smart phone signal input, can connect with Mobile Phone via a micro USB to HDMI cable, display the video in Mobile phone directly.

### 3. Output Signal

1x HDMI and 1x Stereo Audio output, the output resolution supports 1280x720@60Hz and 1920x1080@60Hz optionally

### 4. Switch Function

Select one of different input signal source and switch to HDMI display, and realized video and audio synchronous switch via remote controller or chassis buttons or Control software

### 5. Upscaling Function

Different Resolution, different refresh rate and different signal format ( VGA, DP, HDMI ) can be upscaled and switch to fixed HDMI signal and fixed resolution output. The output resolution supports 1280x720@60Hz and 1920x1080@60Hz optionally.

### 6. Image Rotation Function

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.

## Specification

Input Signal	
1x VGA	HD15 port, supports 640x480@60Hz to 1920x1200@60Hz
2x DP	DisplayPort 1.1
4x HDMI	HDMI 1.4 ( HDCP 1.3 ), three of 4 HDMI Input ports Compatible with smart phone signal
1x Audio	3.5mm earphone port, supports L/R stereo audio, bound with VGA Video signal
Output Signal	
1x HDMI	HDMI 1.4 ( HDCP 1.3 ), 1920x1080/60Hz, 1280x720/60Hz optional
1x Audio	3.5mm earphone port, supports L/R Stereo Audio
Others	
Control Mode	Remote Controller, Chassis Buttons, RS232 Serial port
Power Supply	DC 12V
Power Consumption	10w
Dimension ( LxWxH)	280x170x35mm
Net Weight	1.1kg

## Panel Description



- ① Power signal light
- ② IR Remote control
- ③ MENU button
- ④ Up/Down: For the menu up and down  
Left/Right: For the menu left and right

- ⑤ AO:VGA button
- DO:DP button
- D1:HDMI button
- D2:HDMI button
- D3:HDMI button
- D4:HDMI button
- D5:DP button



- ⑥ DC 12V Power port
- ⑦ RS232 port
- ⑧ D5:DP input
- ⑨ D4:HDMI input
- D3:HDMI input
- D2:HDMI input

- ⑩ D1:HDMI input
- ⑪ D0:DP input
- ⑫ AO:VGA input
- ⑬ Audio input
- ⑭ Audio output
- ⑮ HDMI output

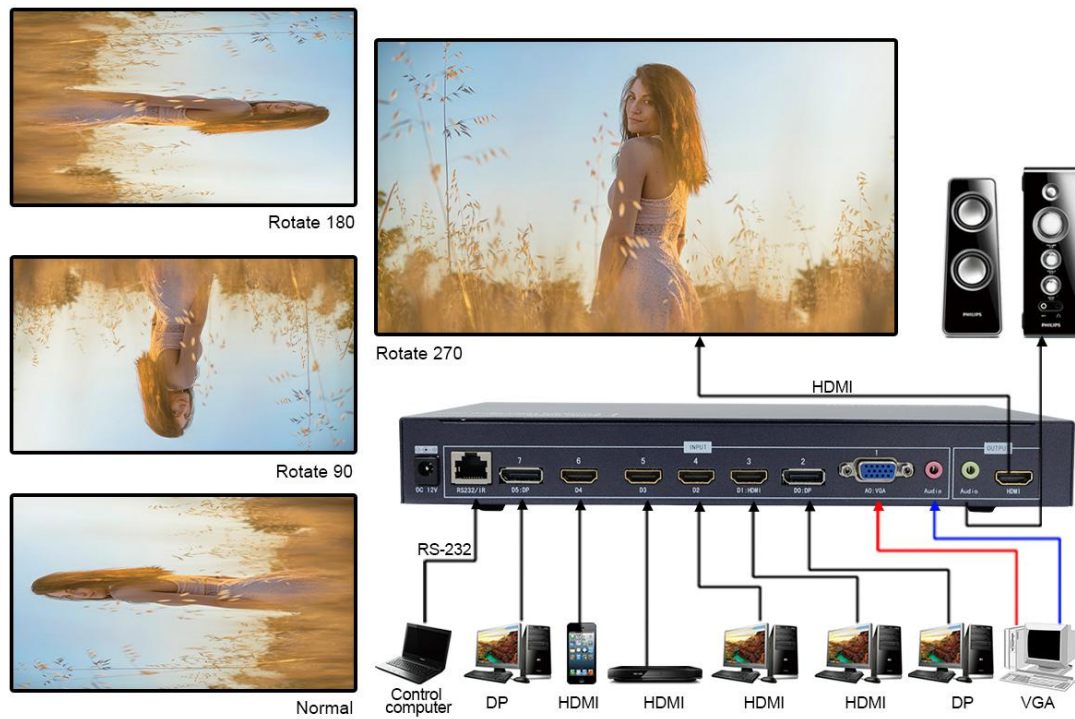
## Control Mode

Via Remote Controller, Chassis buttons, RS-232 Serial port to control image switch, image rotation and resolution switch, it is easy to use and convenience.

## Product Dimension



## Connection Diagram



## Packing Contents

1. 1pcs HD Video Upscaling Rotated Switch
2. 1pcs DC Power Adapter
3. 1pcs IR Cable
4. 1pcs Remote Controller
5. 1pcs User Manual