



Mobile phone screen device

LM-R90

User Manual

Product descriptions

LM-R90 Mobile phone screen device is a high performance vertical screen display device for mobile phones. It uses a high-speed picture processing chip. Its main function is to display the content of the mobile phone in real-time and synchronous to the high-definition vertical screen display unit.

LM-R90 supports 1 HDMI input, 1 HDMI compatible with mobile signal, 1 DP, the signal for a variety of formats and format conversion times line processing into HDMI output signal of 1920*1080, and can be set to display pictures are 90, 180, 270 degree rotation and for the mobile phone signal cut black side function.

II. Product features

1、 Input signal

LM-R90 Mobile phone screen device Support 1 way HDMI, 1 way HDMI compatible mobile signal, 1 way DP three signal input, input signal can support 3840*2160@60HZ.

2、 Mobile phone signal input function

Product 1 way HDMI port directly supports the mobile signal input, through the mobile signal to HDMI connection line to connect the phone, can directly display the output image of the phone. To implement this function, the mobile phone supports the Mobile High-Definition Link function.

3、 output signal

Two HDMI signals synchronously output the same picture, one channel Audio stereo audio output, and the output resolution supports 1920x1080@60HZ.

4、 Double line switching function

Different resolution, different refresh rate and different formats of signal, through the equipment line conversion function fixed HDMI signal and fixed resolution output, output resolution optional 1920x1080@60HZ.

5、 Image rotation function

Through infrared remote control, chassis keys can achieve 90 degrees, 180 degrees, 270 degrees of rotation. This function is used in certain places where image rotation is required. As shown in the following picture:



6、 Signal automatic identification

The image rotator can set the automatic identification function, insert the signal to any input port without signal access, and the signal will automatically display to the display unit, without manual switching.

7、 Signal distribution

LM-R90 also has the function of signal distribution, and the switching signal can be synchronously output by two HDMI interfaces to display the same image.

8、 Mobile phone vertical screen display function with the same screen

The LCD screen, the advertising machine or other display units are realized by the vertical screen of the LM-R90 mobile phone and the screen display device, as:



III. control mode

Through infrared remote control, chassis keys to control the image switching, image rotation, image removal black edge function, simple and convenient operation.

IV. Product pictures and size



V. System topology diagram



VI. Technical specifications

name	Supported Standards
Input signal	
D P x 1	DisplayPort 1.1
HDMI x 1	HDMI1.4, Compatible mobile signal
HDMI x 1	HDMI2.0
Output signal	
HDMI x 2	HDMI1.3,1920x1080P/60HZ;
Audio x 1	3.5mm headphone interface, support left and right channel stereo
others	
control mode	Infrared remote control, chassis keys;
Power supply	DC-12V
power consumption	10W
Chassis size	236mmx140mmx30mm
weight	0.8Kg

SHENZHEN LINK-MI TECHNOLOGY CO., LTD
WWW.LINK-MI.COM E-mail: sales@link-mi.com
