SYSOLUTION

Cloud Internet Controller

MA1

Specification

Ver.1.0   SYS/C3-0102007109

Statement

Dear customers, thanks for choosing Shanghai XIXUN SYSOLUTION LED control system for your devices(referred as XIXUN below,)This document will help you learn how to use control cards. We strive to be accurate and reliable in the preparation of the document and probably update the content at any time without prior notification.

Version

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Trade market

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NO.	Version	Remark	Date
1	Ver.1.0	First Publish	2018.05.01

Functions

With the rapid development of LED industry, in some special fields, wireless transmission needs to be supported. Control cards need to be connected to the network via Wi-Fi, mobile phones can be controlled meanwhile . In this Market, XIXUN MA1 is Launched to these needs and can be configured wireless like a router without hassle of wiring.

1．On board Wi-Fi module to realize wireless communication.

2．Support AP and Station Mode.

3．3Support secondary development and cloud platform control.

4．Under stand-alone mode, the built-in WEB server supports local WEB production to compatible with cross-platform systems, which includes PC, iPhone, Android mobile, tablet and so on.

5．Video Hardware Decode and support 1080P

6．Support mainstream video, image format and text editing;

7．Double-port dot capability 1920*1080.

8．Support full colour state to 32 scan.

9．High refresh, High brightness and High gravel Level

10．Support all kinds of chips such as Macro-block (MBI series), chi pone (ICN series), Sumatra (SUM series), MY-semi (MY series)

11．8 GB Industrial Flash on board

12．Support USB camera

13．Support muti-function card R30E or R50, (5 - way relay switching power, can connect temperature, humidity, brightness, infrared sensor, etc

14．Support saving parameter in receiving card (with the ninth-generation receiving card)

15．Bundled Software：Easy-board

Interface Parameter

【USB1】USB-OTG

【USB2】USB-HOST

【PC/LAN】It is used to connect PC or Cable Network.

【AUDIO】Audio Output Interface.
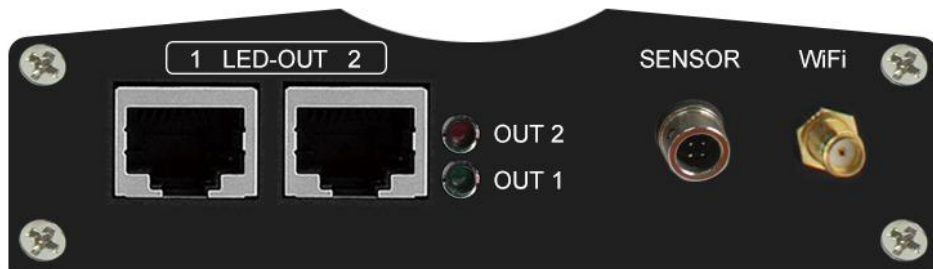
【DISP】It will be uniform slow flashing when the DISP indicator light is red.

【PWR】It will be uniform slow flashing when the power indicator light is red.

【Wi-Fi】It will be normal uniform flashing in right connection when the Wi-Fi Network indicator light is green.

【RUN] It will be uniform flashing in normal state when the light is green.

【DC-IN】Power input DC5V3A.

【**1 LED-OUT 2**】 It is used for connecting gigabit net-port of the receive controller.

【**OUT 2 OUT 1**】 Communication Indicator.OUT 1 will be flashing in green when the communication between receiving card and sending card is normal; OUT 2 will be flashing in red   when the communication between receiving card and sending card is normal.

【**SENSOR**】   It is used to connect R30E, the multi-funciton board which is for infrared, temperature, humidity and light prob to measure ambient temperature and humidity and adjust the screen brightness automatically according to ambient brightness.

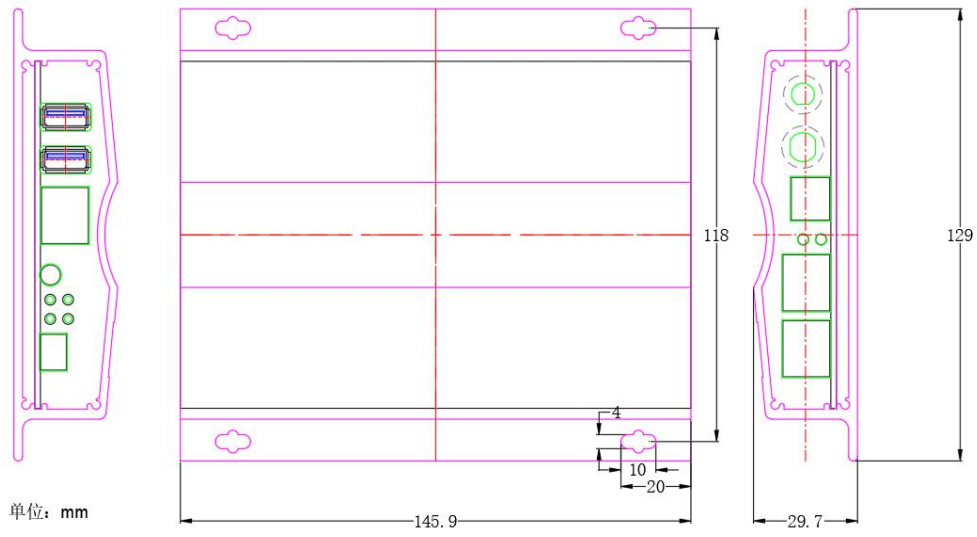【**Wi-Fi antenna**】 It is used to connect Wi-Fi Antenna to enhance signal.

Technician Parameter

General Parameter	
Operating Voltage （V）	4.5～5.5
MAX Operating Current（A）	2
Max Operating Consumption（W）	10
Operating Temperature （℃）	－25～＋70
Storage Temperature（℃）	-40℃ ～70℃，recommend 5℃ ~35℃
Operating Humidity (%)	10%～90%，
Size （cm）	145.9（length）×129（width ） ×29.7（Height ）
Weight（g）	400

单位：mm

118

129

4

10

20

145.9

29.7

Unit: mm

Notes

1. Strictly prohibited to disassemble and install by yourself.

2. Strictly forbidden plug in/ pull out antenna in power-on state.