SYSOLUTION

Special Control Card For Car Rear Window Screen

E22

Product Specifications

Version number: Ver.1.0

Statement

Dear user friend, thanks for choosing Shanghai Xixun Electronic Technology Co., Ltd. (hereinafter referred to as Xixun Technology) as your LED advertising equipment control system. The main purpose of this document is to help you quickly understand and use the product. We strive to be precise and reliable when writing the document, and the content may be modified or changed at any time without notice.

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1 Update Record

Serial Number	Version Number	Description of content updates	Revision Date
1	Ver.1.0	Initial Release	2019.12.16

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2 Functional Characteristics

With the development of LED car displays, in some areas, it needs to support wireless transmission, remote cluster control, docking with third-party platform applications, need control cards access the network and GPS positioning through WiFi or 4G, and need to be controlled by mobile phone. Xixun E22 is tailor-made for these needs, leading the mobile car screen market. Make user control easier.

E22 uses Qualcomm MSM8909 platform solution. The MSM8909 processor is manufactured using the 28nmLP CMOS process, and the quad-core frequency is 1.1GHz. The memory supports 1GB + 8GB (compatible with 2GB + 16GB) LPDDR3. The chip is a highly integrated product, can support GSM, WCDMA, TD-SCDMA, EVDO, TDD-LTE, FDD-LTE and other standards.

Features:

1. Integrated 2 + 1 HUB75E interfaces;
2. Dedicated for car screen, with "Passenger" and "No passenger" independent interfaces;
3. Onboard WiFi module, realize wireless communication, support AP mode, tation mode;
4. Support secondary development, support remote cluster control of cloud platform;
5. Built-in Web Sever, support for local web page production, support computer, iPhone, Android phone, tablet stand-alone program editing, cross-platform system fully compatible
6. Support full color static to 32 scan module;
7. Industrial-strength onboard Flash: 8GB

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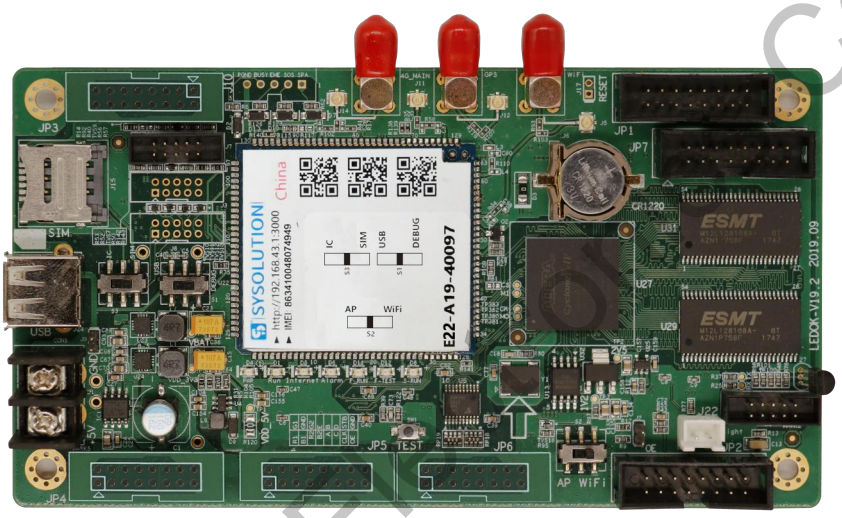
3 Product Appearance



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4 Product Parameters

Product Features	Description
Model	E22
Load Pixels	256*32 **No support for cascade receiving card (with two 75 interfaces)**
Communication	4G full Netcom, WiFi, U disk
Platform	Qualcomm MSM8909
CPU	Quad-core A7 （32bit） Quad core 1.1GHz
GPU	A307 409.6MHz
System Memory	8GB Emmc+1GB LPDDR3
Operating System	Android 5.1
WiFi	IEEE 802.11b/g/n 2.4G
GPS	GPS/Beidou/Glonass
3G/4G frequency band (China)	-CH （China） FDD-LTE:B1/3 TDD-LTE:B38/39/40/41 TDSCDMA:B34/39 WCDMA:B1/8 CDMA 1X/EVDO:BC0 GSM:B3/5/8
Audio	Support
Camera	Support
Weather Forecast	Support
Display content read back	Support
Configuration Software	Easyboard

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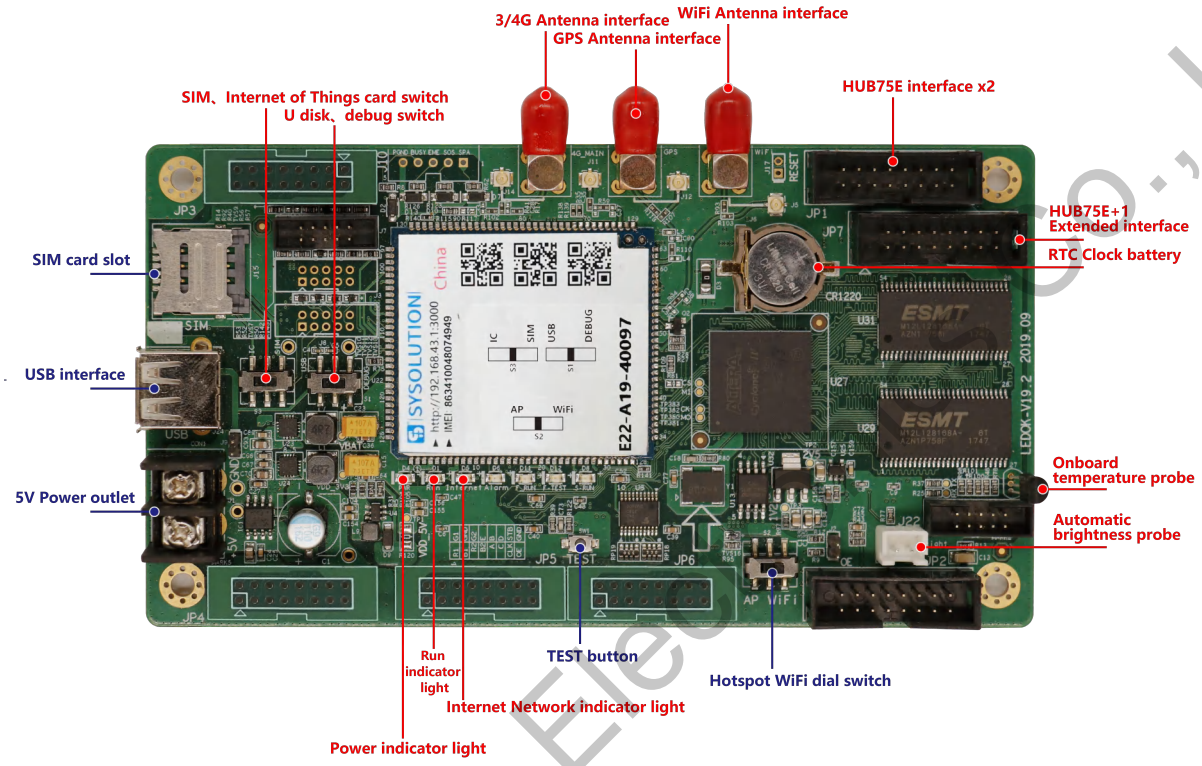
5Interface Parameters



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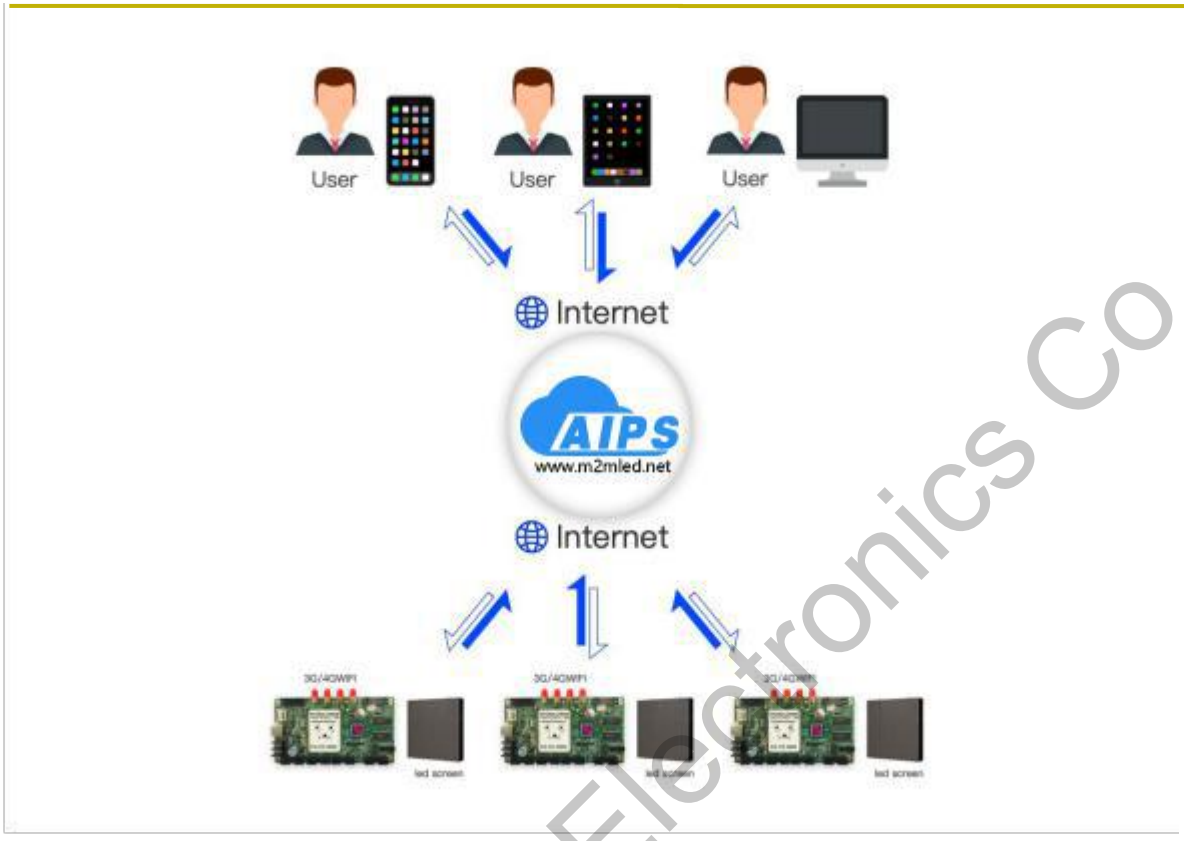
6 Information Transmission Method



Application diagram

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7Working Conditions

General Parameters	
Working Voltage（V）	4.5～5.5
Maximum Working Current（A）	2
Maximum Working Power（W）	10
Working Temperature（℃）	- 20～+ 70
Storage Temperature（℃）	-20℃ ~ 70℃，recommend 5℃ ~35℃
Working Environment Humidity (%)	10% ~ 90%，No Condensation
Size（mm）	150（length）×82（width）×19（height） （22.5 high after cable plugging in）
Weight（g）	400

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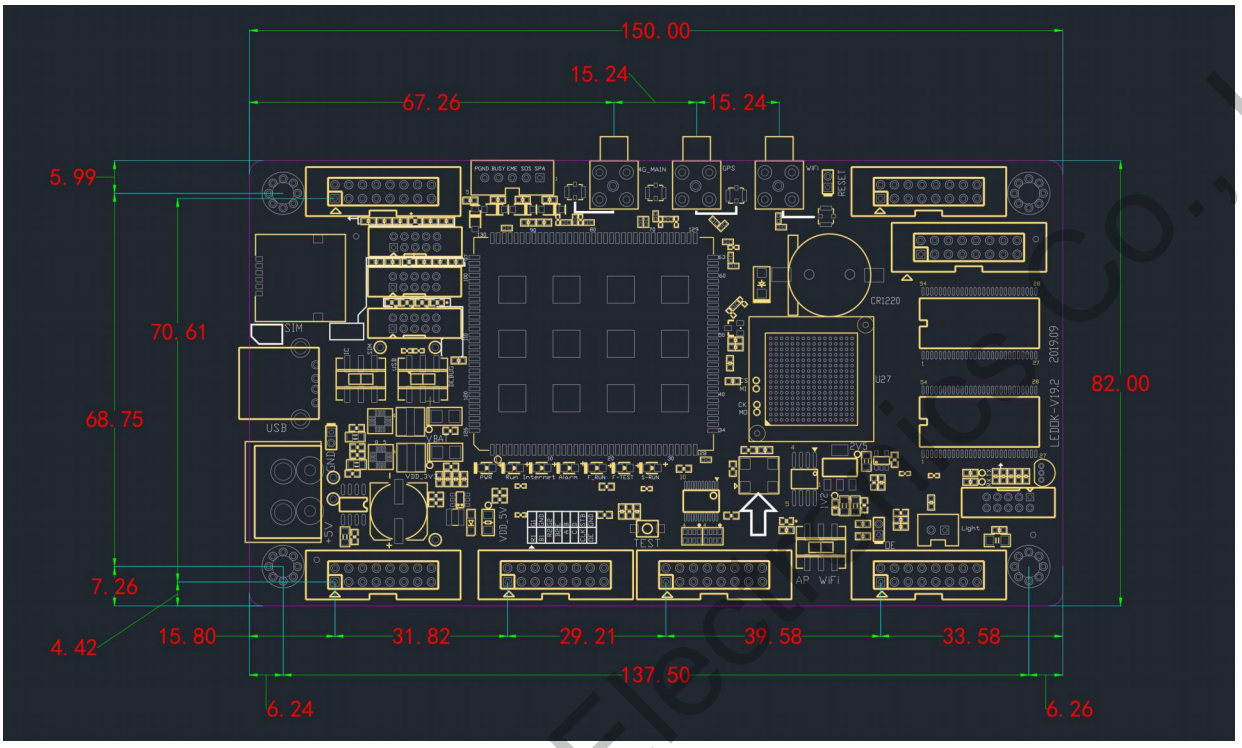
8Installation Dimensions



Unit: mm

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9Accessories

Standard accessories	Size/Quantity
WiFi Patch antenna	0.3m*1
4G Patch antenna	0.3m*1

(If you need other accessories, please place an order)

Optional accessories	Accessories features
Brightness line RL1	Used to sense the brightness of the current environment
G10	GPS Positioning antenna (length 0.8m)

Matched Accessories (Optional, additional models are available according to the order)

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10Notes

1. Forbidden to disassemble the product by yourself.

2. Forbidden to insert or remove the SIM card while the power is on.

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