



Android Control Card Y35

Product Specification

Version: Ver.1.2

Statement

Dear user friend, thanks for choosing SHENZHEN SYSOLUTION TECHNOLOGY CO.,LTD 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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Trademark



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Certification

There are several types of product certification:

1. CE certification, ROHS certification, FCC certification, quality inspection reports (MA, ilac MRA, CNAS), etc;
2. The information release platform has obtained the third level filing certificate for information system security from the Ministry of Public Security;
3. The material review of the Xinfu platform has passed the registration certificate for the information network dissemination of audio-visual programs;
4. Stable and qualified product certificate through national quality inspection.

If the product does not have relevant certification for the country or region it is sold to, please contact the relevant personnel of Xixun Technology for confirmation or handling as soon as possible. Otherwise, if it causes relevant legal risks, the customer shall bear them on their own or Xixun Technology has the right to pursue compensation.

Update Record

No.	Version	Updates	Revision Date
1	Ver.1.0	Initial Release	2024.04.22
2	Ver.1.1	revise content,modify content	2024.07.05
3	Ver.1.2	revise content,modify content	2026.04.16

The document is subject to change without prior notice.

Product Introduction

Thank you for purchasing our LED control card, and we hope you will enjoy the excellent performance of this product. This LED control card is designed to comply with international and industry standards, but may still cause personal injury and property damage if not operated properly. In order to avoid possible dangers and to benefit as much as possible from your equipment, please follow the relevant instructions for use in this manual when installing and operating the product.

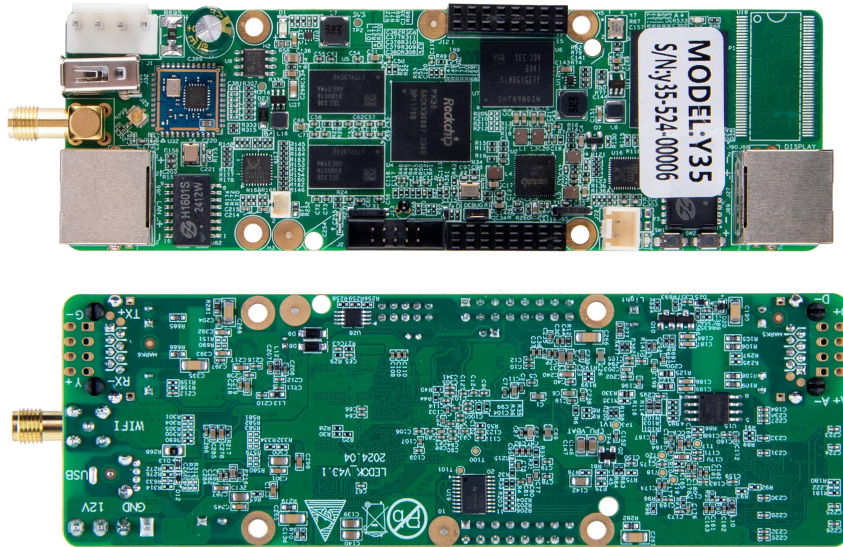
Sysolution Y35 running frequency 1.5GHz, memory support 1GB + 8GB (compatible with 2GB + 16GB) LPDDR3, can fully satisfy the smooth playing of pictures, videos, flash animations, text and other contents. Support IOS or Android operating system mobile phone App to publish contents. After accessing to internet, client can remote control it anytime, anywhere through software platform. At the same time, compared with the conventional asynchronous card, it obsesses smaller, thinner and lighter design, which greatly saving the installation and deployment space.

It can be used in small band-carrying scenarios such as on-board screens, small traffic screens, community screens, light pole screens and so on.

Functional Features

1. Support optional 4G module, GPS positioning and timekeeping modules to ensure synchronisation of multi-screen picture playback. The module model varies from country to country, please provide the country of use for shipment;
2. Support wire network, WiFi communication, support AP mode and Station mode;
3. Support for remote cluster control on cloud platforms, not support for any form of secondary development (please choose Y37 if require secondary develop);
4. Support local webpage, send program and screen control from PC, mobile phones, pads and other user terminals; support cluster management and monitor ;
5. Powerful processing performance with a 4-core processor at 1.5 GHz, support for 1080P video hard decoding; has 1GB of running memory and 8 GB of internal storage space, with 4 GB available to the user;
6. Automatic adjustment of the display brightness, which requires a matching brightness sensor;
7. Support for playing programmes by way of program lists;
8. Centralised setting of timer on/off, volume and brightness through the management system;
9. Support for USB cameras;
10. Support for NTP accurate automatic time calibration;
11. Supporting software: LEDOK IoT Cloud Platform, PC software: LedOK Express, mobile APP: LedOK Lite.

Product Appearance



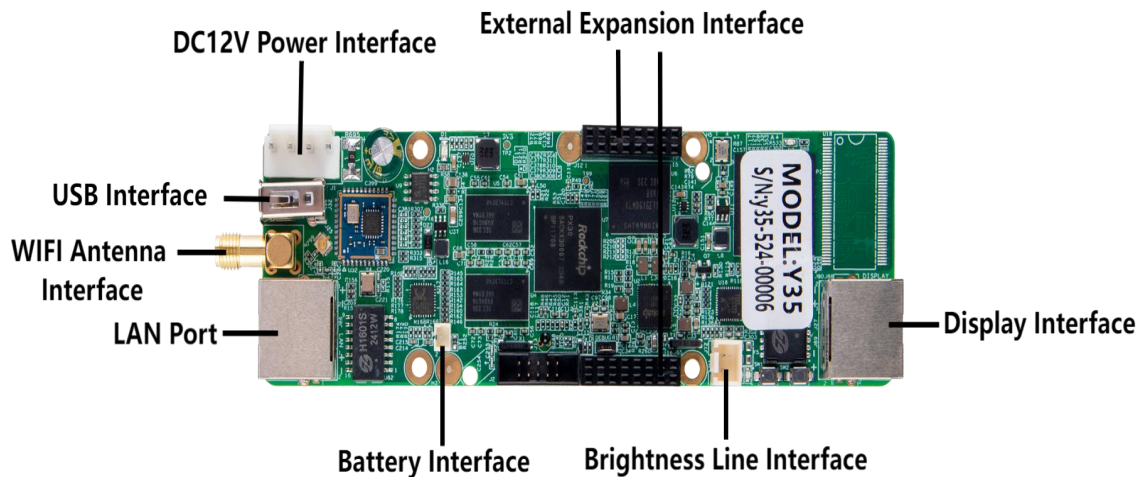
Product Parameters

Product features	Description	
Model	Main: Y35 (no 4G), Y35-CH (China 4G all-network), Y35-G (global, recommended for abroad) Y35-NA,Y35-EU,Y35-LA (available in bulk with cost in mind,recommend Global modem for sample)	
Pixel	Y35: 650,000 dots,resolution 1280(W)*512(H) or 512(W)*1280(H), customized resolution.	
Communication methods	Network port,WiFi, USB, optional 4G module	
System memory	8GB Emmc+1GB LPDDR4	
Operating systems	Android 9	
WiFi	IEEE 802.11b/g/n 2.4G	
GPS	GNSS GPS/Beidou/Glonass (optional)	
Other interface support	1. 1 x USB 2.0 interface. 2. Support for importing and playing programmes from by USB.	
Configuration software	LedOK Express	
Supported Bands		
Model	3G/4G bands (optional)	Certification
Y35-CH	-China (China/India) FDD-LTE: B1/3/5/8 TDD-LTE: B38/39/40/41 TDSCDMA: B34/39	Mandatory certification: SRRC/ NAL/ CCC Other: WHQL

	WCDMA: B1/8 CDMA 1X/EVDO: BC0 GSM: B3/5/8	
Y35-NA	-North America (North America) FDD-LTE: B2/4/5/7/12/13/17 WCDMA: B2/4/5	Carrier certification: AT&T/ T-Mobile/Rogers/ TelusVerizon/AT&T (FirstNet)/T-Mobile/U.S. Cellular/Rogers/ Telus Mandatory/conformance certification : FCC/ IC/ PTCRB Other: WHQL
Y35-EU	-Eurasia(EMEA/Korea/Thailand/I ndia and other Asian countries) FDD-LTE: B1/3/5/7/8/20 TDD-LTE: B38/40/41 WCDMA: B1/5/8 GSM: B3/5/8	Carrier certification: Vodafone/Deutsche Telekom/SKT/ Telefónica Mandatory/conformance certification : GCF/ CE/ KC/ NCC/RCM/ FAC/ NBTC/ICASA Other: WHQL
Y35-LA	-Latin America (Latin America/ Australia/ New Zealand) FDD-LTE: B1/3/5/7/8/28 TDD-LTE: B40 WCDMA: B1/2/5/8 GSM: B2/3/5/8	Mandatory certification : GCF/ FCC/ Anatel/ NCC/RCM Other: WHQL
Y35-G	-Global (Global)	Carrier certification: Deutsche Telekom/

	FDD-LTE: B1/2/3/4/5/7/8/12/13/ 18/19/20/25/26/28 TDD-LTE: B38/39/40/41 WCDMA: B1/2/4/5/8/6/19 GSM: Quad-band	Verizon/ AT&T/ Sprint/U.S. Cellular/ Telus Mandatory/conformance certification: GCF/ CE/ FCC/ PTCRB/ IC/ Anatel/IFETEL/ SRRC/ NAL/ CCC/ KC/ NCC/ JATE/ TELEC/ RCM/ NBTC/ IMDA/ICASA Other: WHQL
Y35-J	-Japan (Japan) FDD-LTE: B1/3/8/18/19/26 TDD-LTE: B41 WCDMA: B1/6/8/19	Carrier certification: NTT DOCOMO/SoftBank/ KDDI Mandatory certification: JATE/ TELEC Other: WHQL

Interface Labelling



No.	Interface Type	Description
1	display interface	Gigabit network output
2	LAN port	Hundred megabit network port input
3	USB port	USB2.0 interface, support for U disk programme import and playback, Debug interface
4	Power connector	12V power supply
5	Battery Interface	Connected to clock battery
6	WIFI interface	IEEE 802.11b/g/n 2.4G
7	Brightness line interface	RL2
8	External expansion interface	External option modules

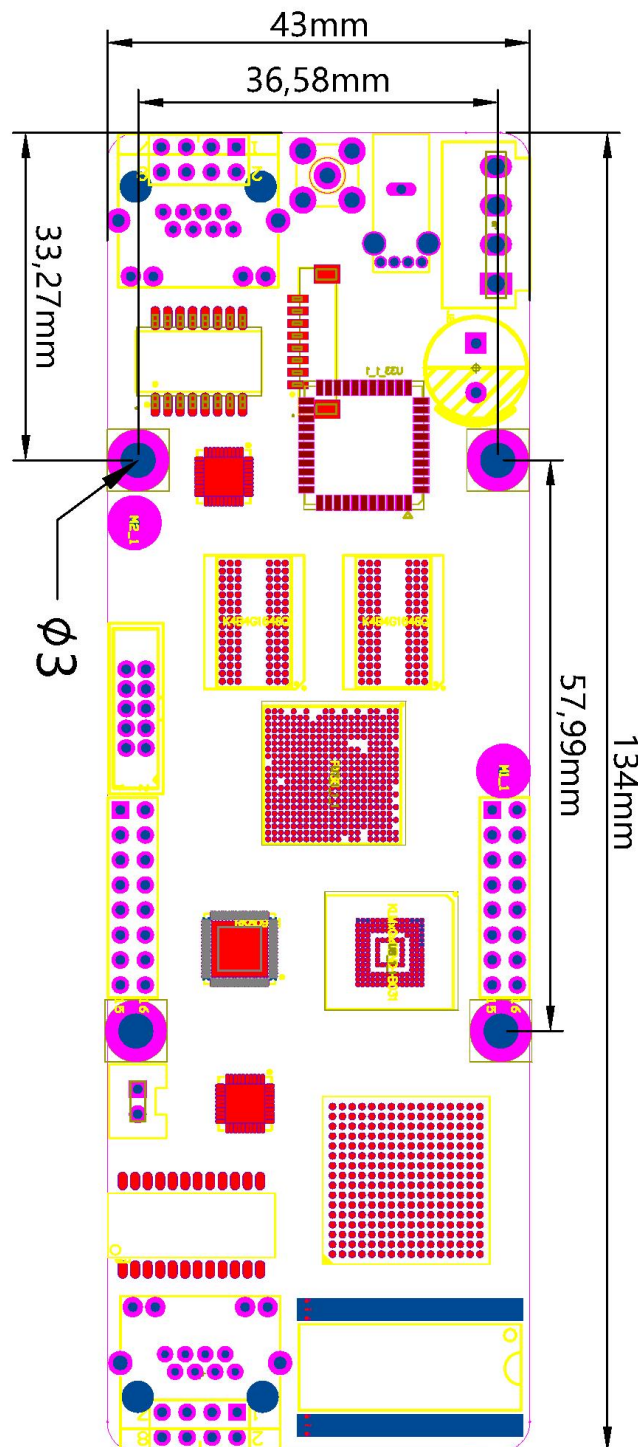
Working Conditions

Working parameters	
Operating voltage (V)	12V
Operating current (A)	0.9A Max: 3A
Maximum operating power consumption (W)	15
Operating temperature (°C)	- 40°C ~ + 80°C
Storage temperature (°C)	-40°C ~75°C, recommended 5°C ~35°C
Humidity of the working environment(%)	10% ~ 90%, no condensation
size (mm)	134*43mm
net weight (g)	60g
Weight with packaging box (g)	190g

Important tips:

- 1.The main control card must use more than 12V5A independent switching power supply, shared screen 5V switching power supply leads to low system voltage, the system card failure increased by 50%;
- 2.High operating temperatures can cause a dramatic drop in power supply efficiency. If the control card and module share the same power supply, please ensure that the control card has a stable voltage and a reasonable actual current supply.

Dimension Drawing



Unit: mm

Accessories

Standard accessories	Size/quantity
WiFi Patch Antenna	1.5m*1
4G Suction Cup Antenna	3m*1

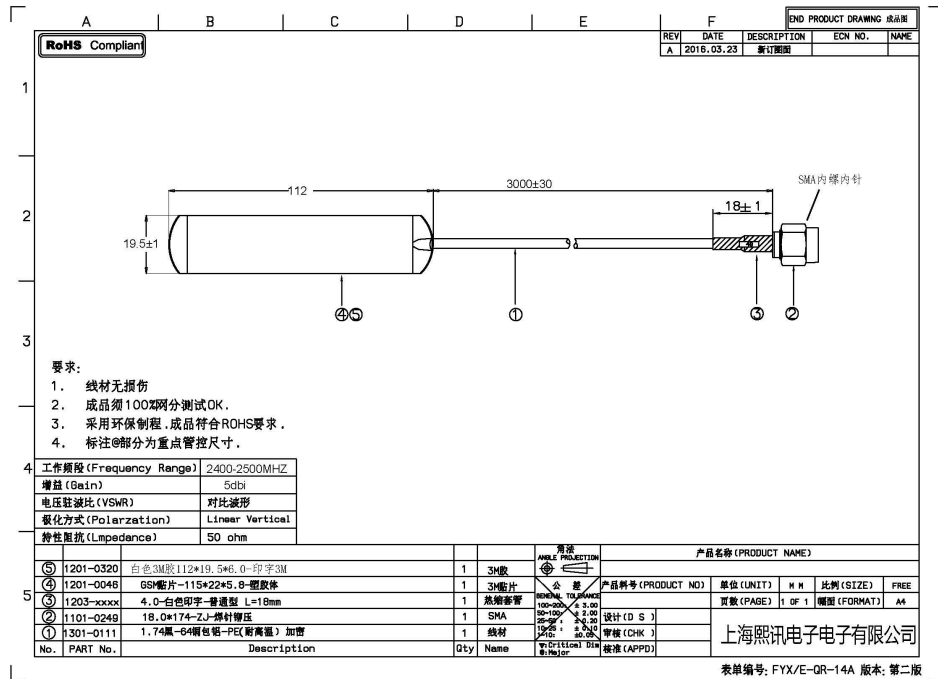
Notes:

Factory optional on-board IoT chip, the use of Xixun technology comes with the provision of IoT chip does not require any operator whitelisting operation, can be used directly. With the self-provided IoT card requires real name system, and need to add the platform related domain names. It has a lot of unstable factors.

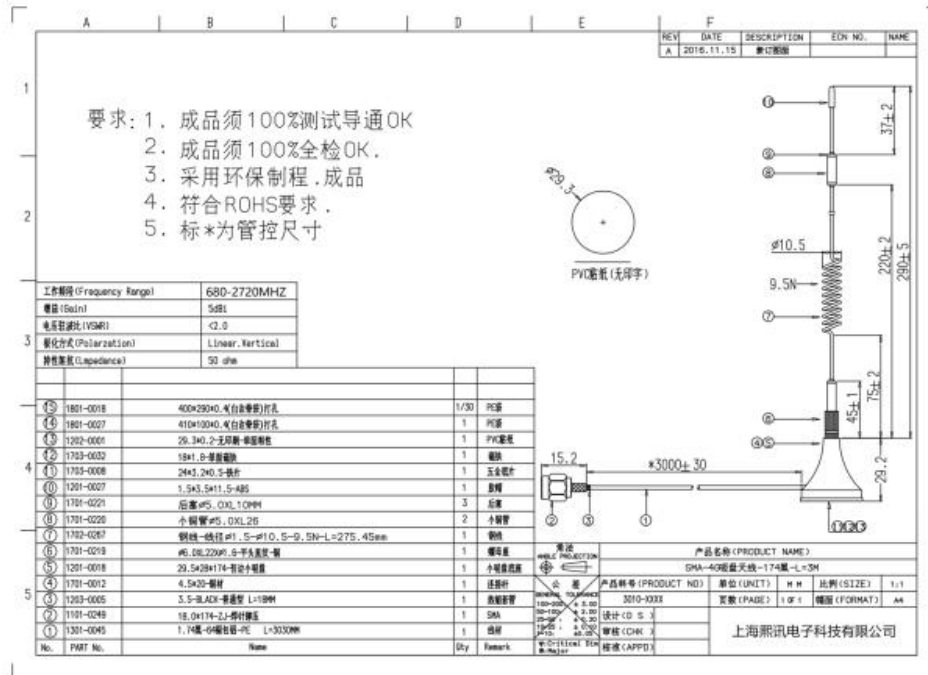
Advantages of the chip: high temperature resistance, not easy to deform, stable, not easy to fall off, long time use will not age, reasonable tariffs, recharge simple, after-sales service is guaranteed (if need for other specifications of the accessories, please place an order for instructions)

选配配件Optional accessories	Accessory functions
RH1 Humidity line RH1	For detecting the current humidity of the external environment
RL2 Luminance line RL2	For sensing the brightness of the current environment
8 in1 Environmental Sensor R68	Temperature, humidity, illuminance, PM2.5, PM10, noise, wind speed, wind direction
RM1275 Power statistics RM1275	View daily electricity consumption in real time

G10	GPS positioning module
speaker*2 RLB1	2 remote broadcasts per screen with real-time shouting
Matching accessories available(optional for the above, additional models to be ordered on request)	



WiFi Patch Antenna



4G Suction Cup Antenna (Please specify if have other requirements when placing an order)

Cautions

1. It is strictly for bidden to disassemble the product yourself.
2. The use of inappropriate voltages for power supply is strictly prohibited.
3. It is strictly for bidden to share the screen body 200W/5V switching power supply to power the card, which will lead to unstable system operation and low speaker sound.