



Full Color Asynchronous System

LS-X2

Specification

上海灵信视觉技术股份有限公司

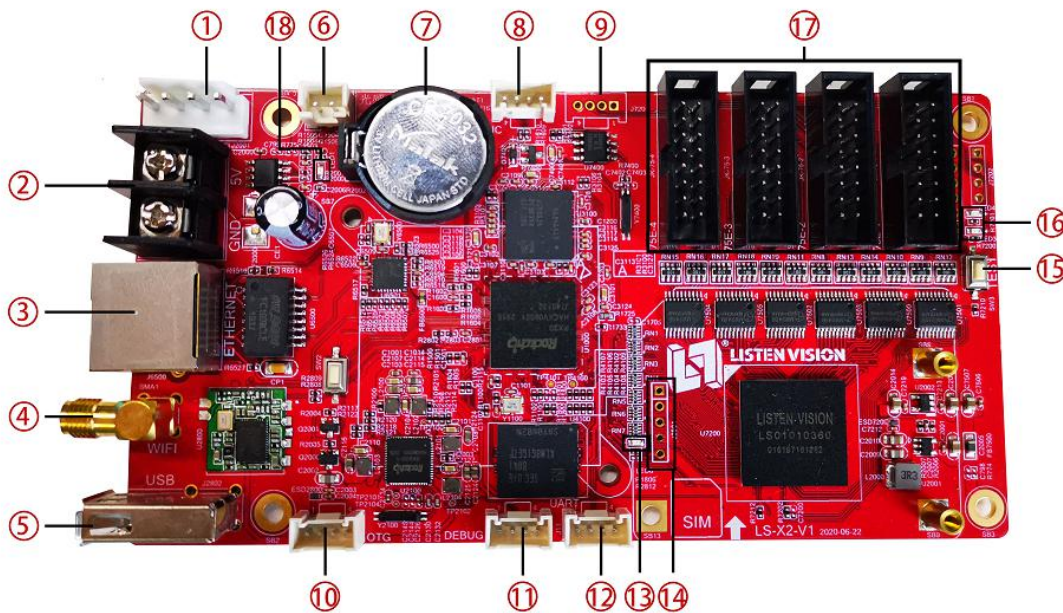
Shanghai Listen Vision Technology Inc

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Product overview

X2 is a Full color Asynchronous Control Card launched by Shanghai Listen Vision, which has 8GB memory, supporting U disk extension, plug and play, 65536 Grey level, supporting PC software communication, LAN communication, cluster management, cloud platform management, WIFI communication, can be widely used for many different kinds of full color led display projects.

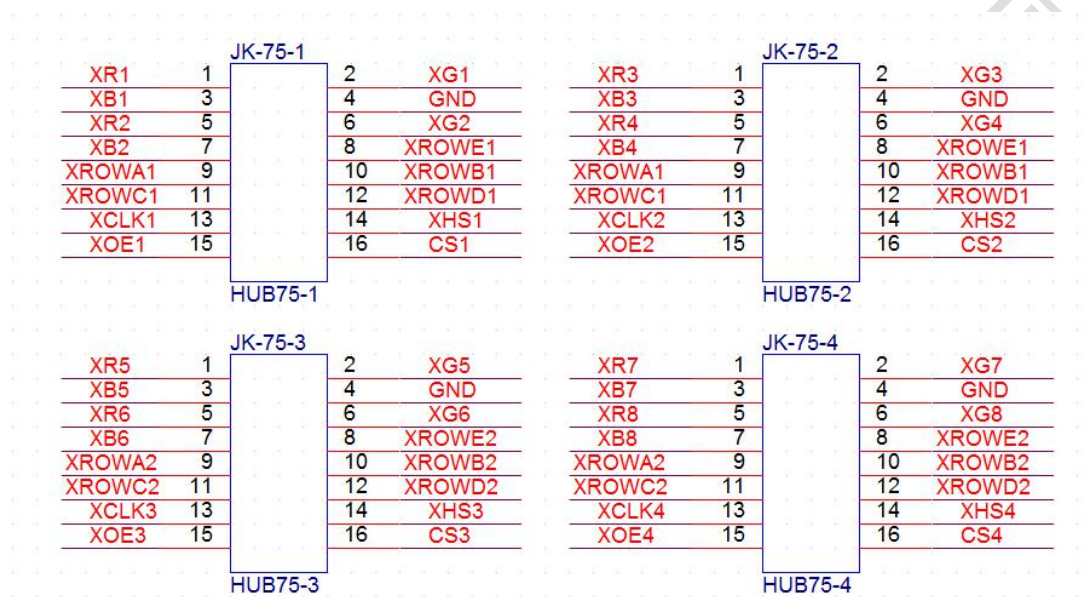
Appearance description



No.	Port	Description	Function
1	4PIN DC power interface	Power in	Voltage range : 4.5V-5.5V Electric current : $\leq 2A$ (WIFI)

2	2PIN power port		
3	RJ45	100MB Net port	Link to router/PC
4	SMA	WIFI Antenna	Only supply LS WIFI antenna
5	USB	USB2.0	Support U-disk
6	2PIN socket	Light sensor input	Only support LS light sensor
7	Battery socket	battery	Work for CR2032
8	4PIN socket	IIC port	Link to sensor
9	4PIN socket	GPIO	Reserve
10	4PIN socket	OTG	Debug port
11	4PIN socket	DEBUG	Debug port
12	4PIN socket	UART	Link to multi-function board
13	LED lamp	Status lamp	Flashing when Android working
14	5PIN socket	4G port	Config for choice
15	Key	FPGA test botton	Switch to RGB
16	LED lamp	Status lamp	Flashing when FPGA working
17	16PIN port	HUB75	Support 4*75E
18	LED lamp	Power lamp	Always on after power on

HUB75 data port

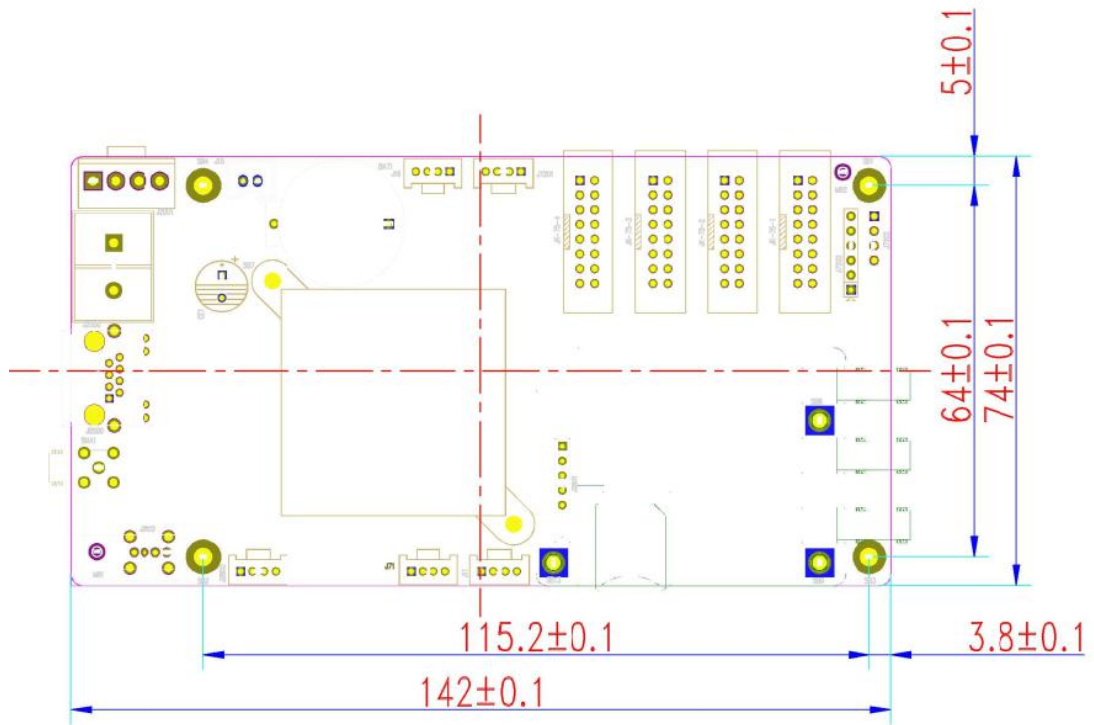


Product parameters

- Product name : Full color Asynchronous Control Card
- Load range : Max 1024*64 (fullcolor)
- Memory : 8GB ROM,1GB RAM
- Refresh rate : Max 16KHz

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- Grey level : 65536
 - Scan mode : Compatible with indoor&outdoor, smart setting
 - Communication interface : LAN/U disk
 - Communication mode : AP hot spots of communication /PC
Software communication /LAN communication/USB communication
 - Remote management : Supports cluster management,cloud
 - platform management ; supports remote system upgrade.
 - Video format : MOV、 AVI、 MP4、 WMV、 MKV、 MPG、 MPEG、 VOB、
RMVB、 F4V
 - Audio format : MP3、 AAC、 FLAC、 M4A、 M4R、 WAV
 - Picture format : BMP , JPG、 JPEG、 PNG、 GIF
 - Storage interface : Extended by USB2.0 expand the U disk
 - Timing play : Support
 - Working temperature : -30°C~75°C
 - Partition : Any partition
 - Editing software : Cloud platform(www.ledcloud.cn)
Mobile APP(LED cloud manager),
PC software: Led Aplayer

Hole Position Diagram



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