

G612

LED receiving series

Version: v2.2

Release Date: October 2021



Beijing KYSTAR

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Version history

The version number	Change details	Publish time
V1.0	The first version was released	2021.06.12
V1.1	Modify the document device description	2021.07.08
V2.2	Modify the cover page	2021.10.25

The G612 receiving card of the LED Gold Card series is an important part of the control system of the LED large screen, which receives the data from the transmitting card and decodes it. Converted into a module control signal, it is used with the transmission card to form the main control system of the LED large screen. Adopt the industry's top design technology, in line with international and industry standards.

The gold card receives the G612's unique color transformation technology, which makes the face complexion more realistic; the unique arbitrary frequency multiplication technology, the mobile phone shoots without scanning lines.

Features

- A single card has 12 standard interfaces, outputs 24 sets of RGB data, and has a maximum load of 98K pixels
- Support high gray high brush, low light high gray display
- The detail handling is more perfect, which can eliminate the detail problems u

Panel description

Serial number	Function description
	Two Gigabit Ethernet ports, indicating it can be used as input and output
	Terminal block available with Voltage V and GND
	In-line connector available with Voltage V and GND
	Cable port JP10 JP11 right to left
	Cable port JP12 JP13 left to right
	LED signal indicator

Pin specifications

Pin								
definition	R	B	R	B	A	C	CLK	OE
Pin								
definition	G	GND	G	E	B	D	LAT	GND

Description: The E signal, which can be used as a blanking control pin when the display scan is less than 16 sweeps. Greater than 16 sweeps as an E signal.

Pins	1	2	3	4	5
definition	STA_LED	LED+ / +3.3V	PWR_LED-	KEY+	KEY-/GND

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LED1	The power indicator is red, the solid light means that the power supply is normal, and the off means
LED2	The device operation indicator is green, flashes when there is a signal input, and is not lit or solid

Specification of the whole machine

Input power	3.5-6V 0.6A
Operating temperature	-10 - 70
Operating Humidity(%)	0%-95%
Supported screen types	Full color real pixels
The number of cascaded receiving cards for a single network cable	<200

Accessories Device dimension drawings

