VG Full-color crystal film screen

Small Pixel WM Series

960mm *240mm

specification

Product name: VG Full-color crystal film screen

Specification and model: VG- J6

document number:

Version number: V1.0

fiction	examine and verify	Approval (seal)

catalogue

一、VG- J 6 Full-color crystal film screen technical specification table

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<tr><th colspan="2">product model</th><th colspan="7">VG- J 6 Full-color crystal film screen</th></tr>
<tr><th>type</th><th>order number</th><th>project name</th><th colspan="7">Technical parameters and indicators</th></tr>
<tr><td rowspan="8">LED tube</td><td>1</td><td>Lights and beads characteristics</td><td colspan="7">VG- J 6</td></tr>
<tr><td>2</td><td>Pixel composition</td><td colspan="2">1R1G1B+IC</td><td>Pixel packaging</td><td colspan="2">T2222M</td></tr>
<tr><td>3</td><td>colour primaries</td><td>test condition</td><td>voltage</td><td>wavelength coverage</td><td>brightness range</td><td>remarks</td></tr>
<tr><td>4</td><td>Red light (reference)</td><td>10mA</td><td>2.0-2.6V</td><td>618-623nm</td><td>300-600mcd</td><td rowspan="3">The wavelength and brightness of the tube core are all typical values</td></tr>
<tr><td>5</td><td>Green light (reference)</td><td>10mA</td><td>2.8-3.4V</td><td>520-525nm</td><td>450-900mcd</td></tr>
<tr><td>6</td><td>Blue light (reference)</td><td>10mA</td><td>2.8-3.4V</td><td>468-473nm</td><td>100-180mcd</td></tr>
</table>

LED module	1	Module size	Long 960 wide 240 thick 3mm
	2	resolution ratio	160X 40=6400
	3	Pixel point spacing	6 mm ×6 mm
	4	phsyical density	27,556 points / m²
	5	Module current	20A
	6	input voltage	4.8V-5.2V
	7	Module power consumption	100W
	8	Module weight	2.2KG
Box body parameters	1	Box picture	

			
	2	Box resolution (wide X high)	160 pixels and 40 pixels
	3	Module distribution (width, X, height)	1×1
	4	Box size (width X height X thick)	960mmX 240mm×3mm
	5	Box weight	2.2 Kg / box; 4 Kg / m²
	6	way to install	Glass surface paste
Screen body technical parameters	1	dot density	27,556 points / m²
	2	luminance	500-2,500 nits
	3	Horizontal / vertical perspective	160°/160°
	4	light transmittance	≥75%
	5	Chromaticity uniformity	± 0.003 Cx, within the Cy
	6	The highest contrast	2000:1
	7	levels of protection	IP20
	8	Maintenance mode	Post maintenance
System control paramete	1	Number of digits of signal color processing numbers	Red, green and blue 16bit each
	2	Drive way	Constant flow drive

rs	3	repetition frequency	The 60-frame high brush supports 3D: 120 frames
	4	refresh rate	General brush 1920 HZ high brush 3840Hz
	5	Screen body color temperature	The 3200K~9500K are adjustable
	6	brightness control	Manual / automatic / programmed control
	7	Pixel correction	Equipped with brightness and chromaticity point by point correction
	8	control method	synchrocontrol
	9	Control distance	Super five class twisted pair network wire, more than 100 meters using optical fiber transmission
	10	software interface	Windows XP /7/8/10
	11	signal input	HDMI、DVI
Screen body operation parameters	1	working voltage	AC：240V、50~60Hz
	2	Peak power consumption	800W/ m²
	3	Average power consumption	200W/ m²400W/ m²
	4	Continuous working hours	724 hrs, supporting continuous and uninterrupted display
	5	Average fault-free working time	For 10,000 hours
	6	Theoretical life of LED lamp tube	100000 Hours
	7	Discrete out of control point	0.0001,0 when delivery
	8	Continuous runaway point	0
	9	Blind spot rate	0.0001,0 when delivery
	10	Operating ambient temperature	-40℃～45℃

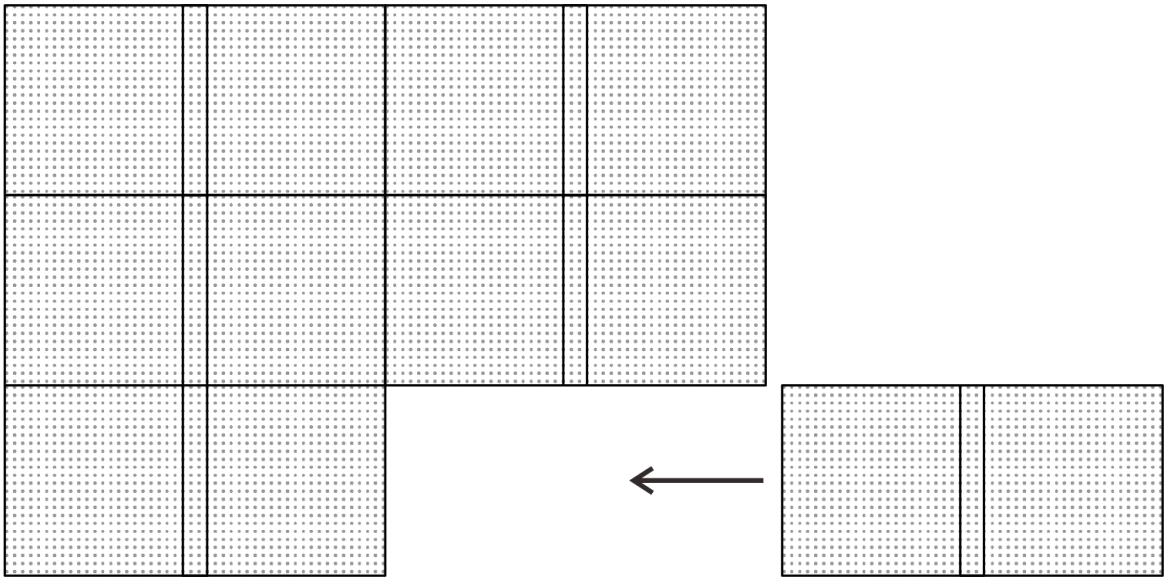
	11	Operating environment humidity	10% to 90% RH, with no condensation

Note: The parameters will change according to the specific situation of the project (the product shall prevail according to the contract specification submitted)

二、VG- J 6 Appearance of the full-color crystal film screen

Crystal film screen picture

三、Full-color transparent screen installation diagram

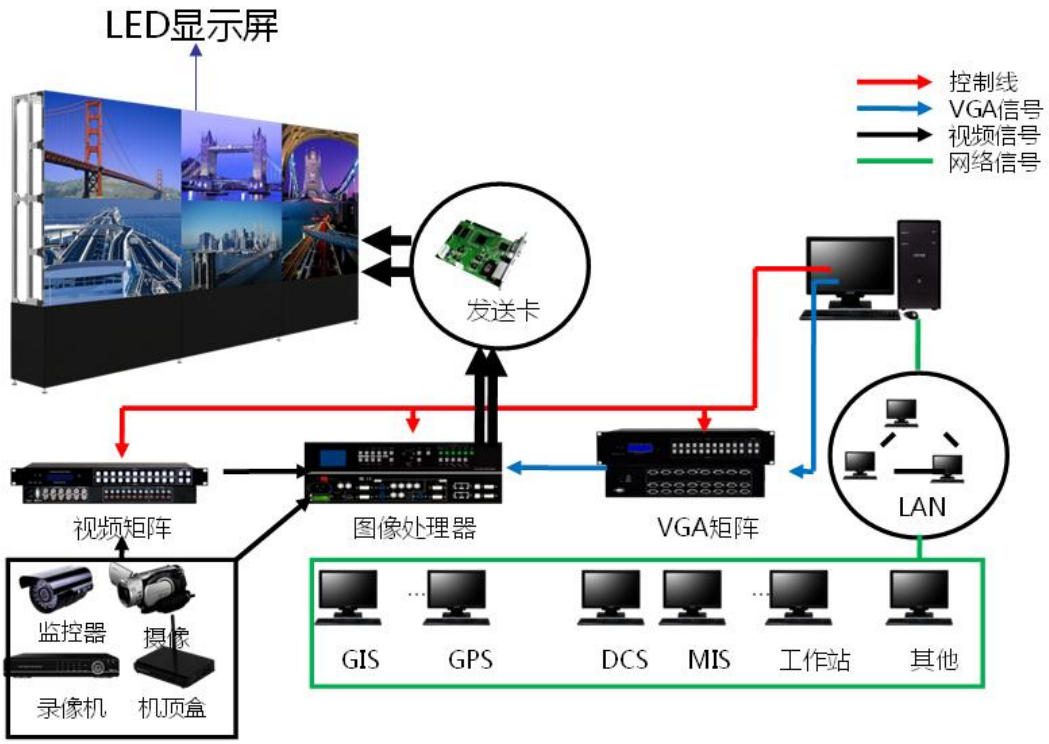


四、Product packaging standards

1. Air box packaging

2. Wooden box packaging

五、System topology



六、matters need attention

In order to enable customers and users to better use the company's products, provide a clear and easy to understand information for reference. In general, LED can use the same method as other electronic products. However, when using our LED products, please follow the following precautions to protect the products.

1. Cleaning:

To clean the surface of the module, please use a soft brush and gently brush it. Do not clean LED module surfaces with any liquid substance or may damage SMD-LED.

2. Moisture-proof and storage requirements:

SMD-LED products must be stored in temperature <30℃ and humidity <60%. If the screen body is not used for more than 3 days, the screen body should be lit by preheating the light mode. The brightness of 30% -50% is preheated for 4 to 8 hours, and then adjust the normal brightness (80% -100%) to light the screen body, so as to remove the moisture,

so that there is no abnormality when use;

The screen body is not used for more than 7 days, each time the screen body is lit, the preheating lighting method should be adopted: 30% -50% brightness is preheated for more than 2-12 hours, and then adjust the normal brightness (80% -100% to light the screen body), so as to remove the moisture, so that there is no abnormality in use. END