

SPECIFICATION

Rental LED Interactive Floor Screen Specification GRF2.976X



INDUSTRY EXPERIENCE

20+
YEARS

LOAD BEARING

3000
KGS/m²

WARRANTY

2
YEARS

Main Features

- ISO9001, CE, RoHS, FCC, CCC, UL, EMC.
- Built-in sensors, no need for external sensing equipment.
- Private model customized modules and cabinets.
- Screen heights can be customized.
- PC housing, anti-slip, anti-glare, wear-resistant, UV resistance.
- Maximum load capacity of 3000 KGS/m².
- Customized maintenance tool.
- Cabinet material can be selected.
- Lifespan over 100000 hours, 2 years warranty.
- Complete test reports and certificates.
- Multi-equipment linkage, better audiovisual effect.



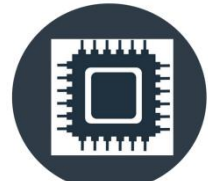
Excellent waterproof



Super load bearing



Anti-slip



Built-in sensors



Quick heat dissipation



High strength



Easy to maintain



Cost effective

COUNTRY:

100+

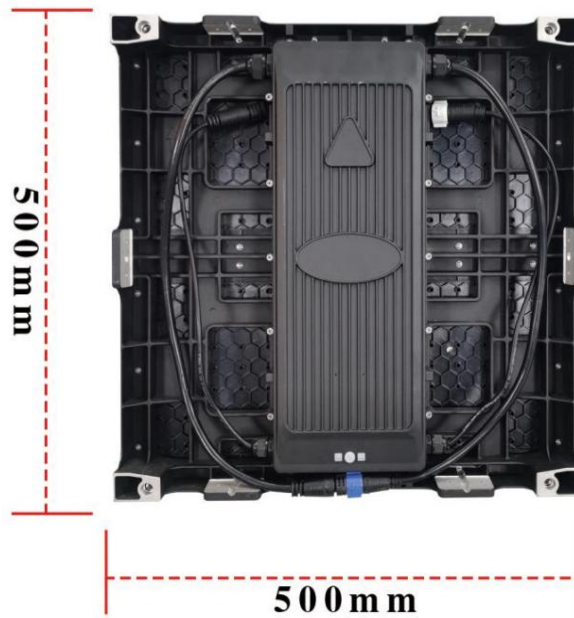
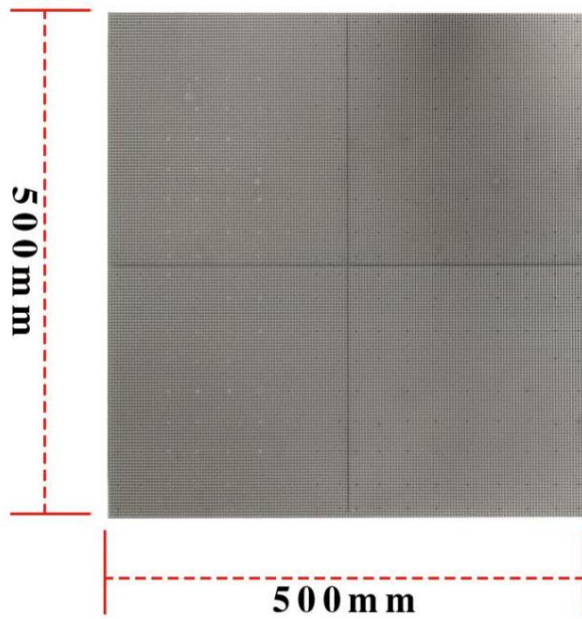
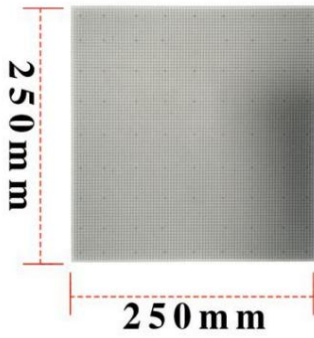
CITY:

200+

PROJECT:

1000+

Product Details



Parameters

XYG-GRF2.976X Specification

Project name		Parameters
Module Specification	Pixel composition	SMD LED 1R, 1G, 1B
	Pixel pitch	2.976mm
	Module resolution (W*H)	84*84
	Module size (mm)	250 (W) *250 (H) *16 (D)
	Module weight	0.65 kg
	Pixel sharing technology	Yes
	Drive method	Constant current drive
	Scan way	14s
	Frame frequency	50&60 Hz
	Refresh @60Hz frame signal input	3840 Hz
Cabinet Specification	Contains modules qty	2(W)*2(H)、2(W)*4(H)
	Cabinet physical resolution	168(W)*168(H)、168(W)*336(H)
	Cabinet size (mm)	500(W)*500(H)*78(D) 、500(W)*1000(H)*78(D)
	Cabinet weight	11.44 kg (500(W)*500(H)*78(D))
		22.44 kg (500(W)*1000(H)*78(D))
	Floor support fitting weight	2.12kg
	Package Gross weight	8pcs/wooden carton, 192kg
		6pcs/wooden carton, 150kg
	Package size (W * H * D)	12pcs/wooden carton : 1070*680*570mm (L*W*H) Cabinet size: (500(W)*500(H)*78mm(D))
		6pcs/wooden carton:1070*680*570mm (L*W*H) Cabinet size: (500(W)*1000(H)*78mm(D))
Pixel density(sqm)	112896 dots	
Protection level	front IP65, back IP43	

	Cabinet flatness	≤1mm
	White balance brightness	indoor≥2000 nits (color temperature 6500K)
	Color temperature	3200—9300K adjustable
	Horizontal view	>120°
	Emit point center distance tolerance	<3%
	Brightness uniformity	≥97%
	Chromaticity uniformity	Within ±0.003Cx,Cy
	Max contrast	6000:1
	Peak consumption	800W/m ²
	Average consumption	400 W/m ²
	Power supply	AC220V (50-60Hz)
	Floor support size (L * W * H)	110 * 100* 70~100mm,height adjustable and customize
	Maintenance tools size (L * W * H)	220* 140* 174mm
Ambient specification	Lifespan	100000 hours
	Work temperature	-20 — 55℃
	Storage temperature	-30 — 60℃
	Humidity (RH) no condensation	10 - 90%
	Storage temperature (RH) no condensation	10 - 95%
	Screen thickness	module+cabinet: 78mm, screen+floor support: 150~170mm adjustable
	Defective ratio	≤4/100000
	Unit module splicing gap	Uniformity and ≤2mm
	Best view distance	3-10m
	View angle	horizontal>120°
	Surface flatness	Max tolerance≤1mm
	Screen surface color	Uniformity 95% (white transparent or tea color)
	Brightness Uniformity	95%
Brightness	2000-2500CD/m ²	

	Circuit layout	Light-driven integrated SMD technology, evenly distributed light-emitting pixels, suspended circuit board design, no stress, reasonable layout, standard and beautiful wiring, stable and reliable
	Loading bearing capacity	3 tons /m ²
		1545/N (single point)
	Friction coefficient	Static friction coefficient 0.79/Us
		Dynamic friction coefficient 0.71/UD
	Certifications	CE、FCC、 ROHS、 CCC 、 Certification of load-bearing, waterproof, heating, friction coefficient, etc.

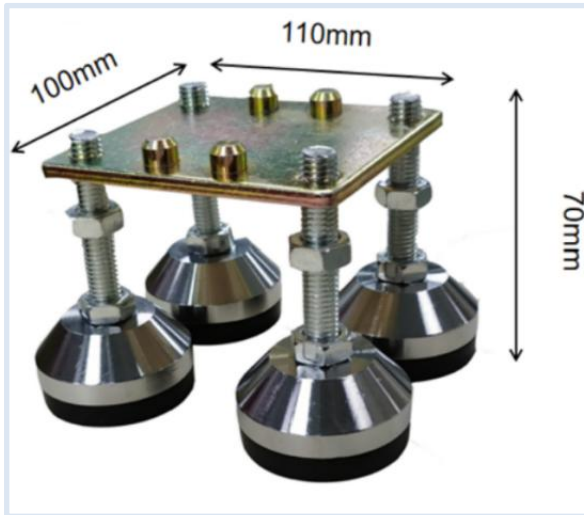
Control system requirement

Control computer	OS	Windows 7 64bit、 Windows 10 64bit、 Windows 10 64bit.
	CPU	Intel core i7 6200U
	CPU main frequency	2.3GHz
	Highest Turbo Frequency	2800MHz
	Number of cores/threads	Dual cores/quad threads
	Level 3 cache	3MB
	Memory Capacity	4GB
	Memory type	DDR3L(low voltage)1600MHz
	Slots number	2Xso-DIMM
	Max memory capacity	16GB
	Hard-disk description	5400r
	Display resolution	Over 1366*768
	Display photographic card	Performance-level discrete graphics
	Cache capacity	2GB
	Lan network card	1000Mbps Ethernet card
	Data interface	3Xusb3.0
Video interface	VGA、 HDMI	

Interactive sending box	XYG-A	1.25U standard chassis, 4 network port output, input: 1 DVI, 1 HDMI Output: 1 DVI (valid only when DVI is input) Typical resolution: 1920*1200@60Hz, color depth: 8bit, LCD menu display: support button control
	XYG-B	1.25U standard chassis, 8 network port output, input: 1 DVI, 1 HDMI Output: 1 DVI (valid only when DVI is input), typical resolution: 1920*1080@120Hz/3840*2160@30Hz, color depth: 8bit LCD menu display: support Button control: support
	Interactive sending box size (L* W * H)	482.6 * 276 * 54mm
	XYG-A supports 4 Gigabit Ethernet ports (1, 2, 4 ports for image output, 3 ports for sensor information output)/XYG-B supports 8 Gigabit Ethernet ports (for 1-6, 8 ports) For image output, 7 ports for sensor information output)	
	Compatible with HDMI1.4a	
	Support 1 HDMI or 1 DVI interface input	
	Support 1 DVI interface output (only valid when DVI is used as input)	
	XYG-A-4 port host typical resolution 1920*1080@60Hz/XYG-B-8 port host typical resolution 1920*1080@120Hz, 1920*1200@60Hz, 2048*1152@60Hz, 3840*2016@30Hz	
	Support OSD direct information display	
	Support Web configuration and management	
	Support offline test image sending	

Dimensions:

Floor support Dimensions:



Sending box Dimensions:



Maintenance tool Dimensions:



Flight case Dimensions:

