

# SPECIFICATION

Indoor LED Floor Screen Specification  
GIF2.976



INDUSTRY EXPERIENCE

**20+**  
**YEARS**

LOAD BEARING

**3000**  
**KGS/m<sup>2</sup>**

WARRANTY

**2**  
**YEARS**

## Main Features

- ISO9001, CE, RoHS, FCC, CCC, UL, EMC.
- 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/m<sup>2</sup>.
- 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



24-hour service



Quick heat dissipation



High strength



Easy to maintain



Cost effective

COUNTRY:

100+

CITY:

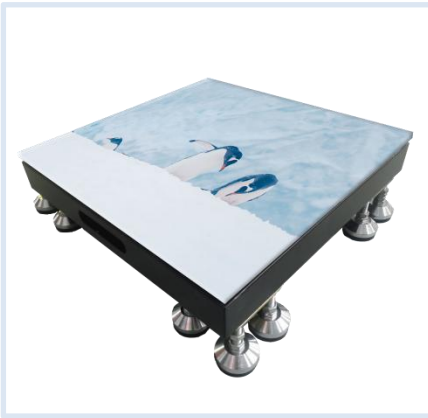
200+

PROJECT:

1000+

## Product Details

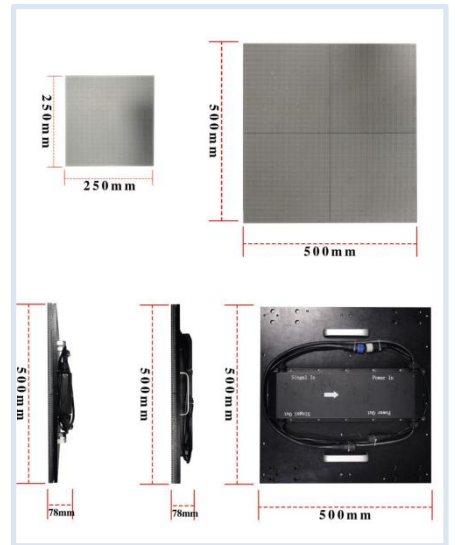
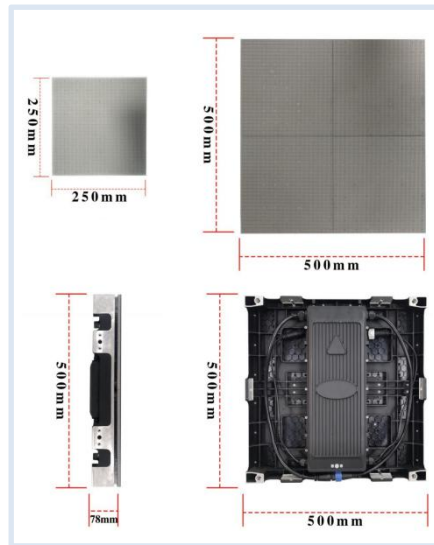
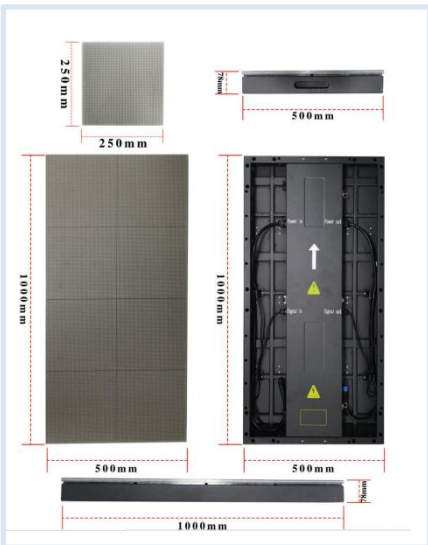
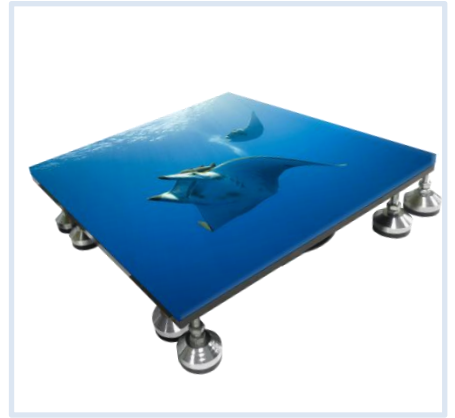
Iron cabinet:



Die-cast aluminum cabinet:



Aluminum cabinet:



# Parameters

## XYG-GIF2.976 Specification

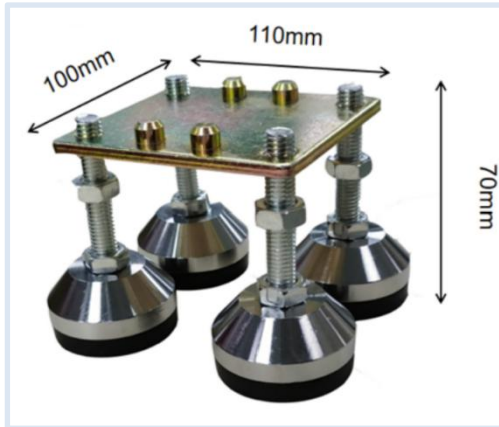
| Project name          |                                  | Parameters  |
|-----------------------|----------------------------------|---|
| Module Specification  | Pixel composition                | SMD LED 1R, 1G, 1B  |
|                       | Pixel pitch                      | 2.976mm   |
|                       | 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 )<br>Cabinet size: (500(W)*500(H)*78mm(D)) |
|                       |                                  | 6pcs/wooden carton:1070*680*570mm (L*W*H)<br>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 <sup>2</sup>  |
|                       | Average consumption                      | 400 W/m <sup>2</sup>   |
|                       | 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%  |

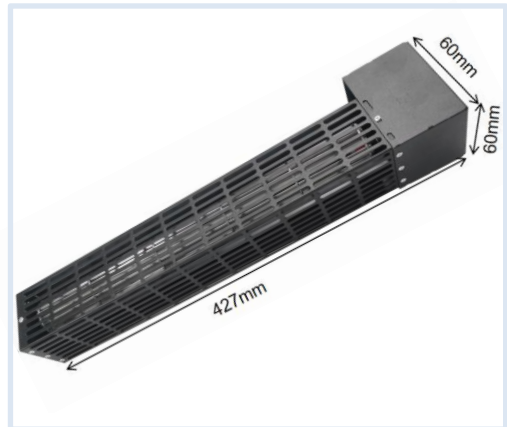
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|--------------------------|--|
| Brightness               | 2000-2500CD/m <sup>2</sup>   |
| Circuit layout           | Light-driven integrated SMD technology, evenly distributed light-emitting pixels, suspended circuit board design, no stress, reasonable layout, standard and beautiful wiring, stable and reliable |
| Loading bearing capacity | 3 tons /m <sup>2</sup>   |
|                          | 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.   |

## Dimensions:

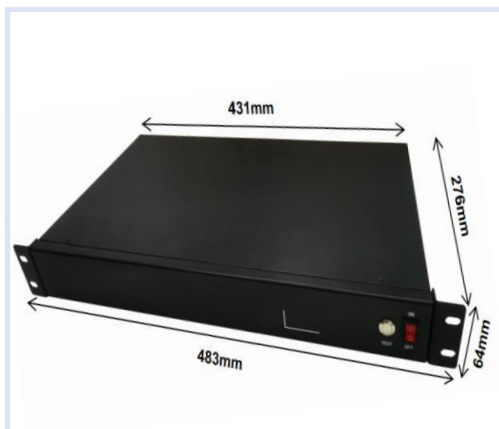
Floor support Dimensions:



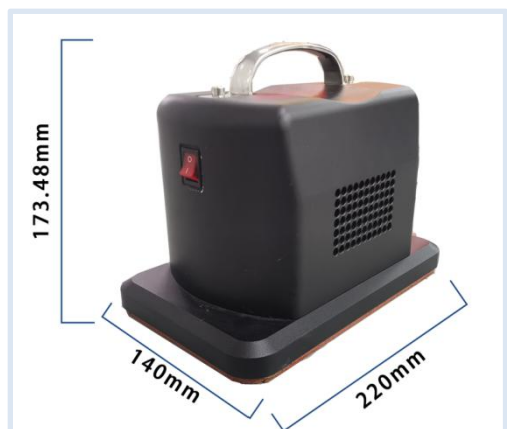
Fan Dimensions:



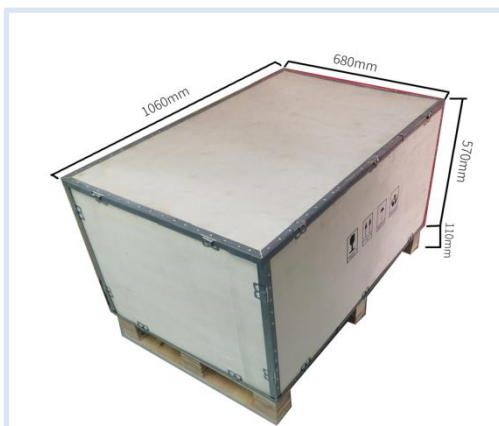
Sending box Dimensions:



Maintenance tool Dimensions:



Wooden package Dimensions:



Flight case Dimensions:

