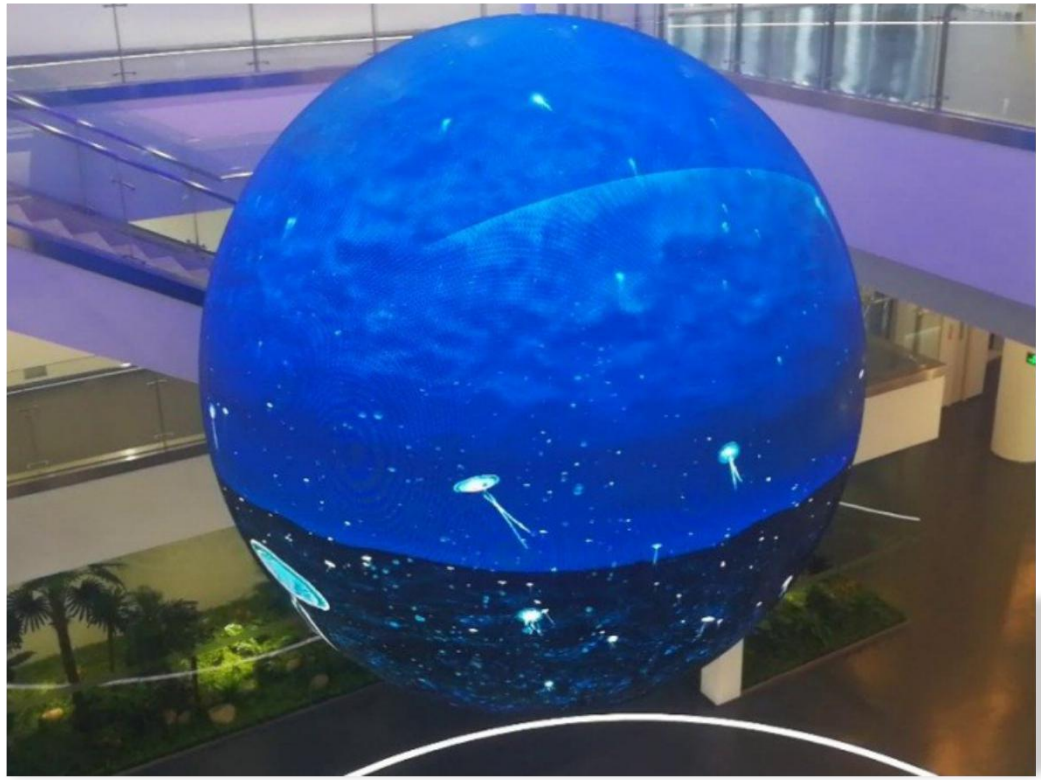
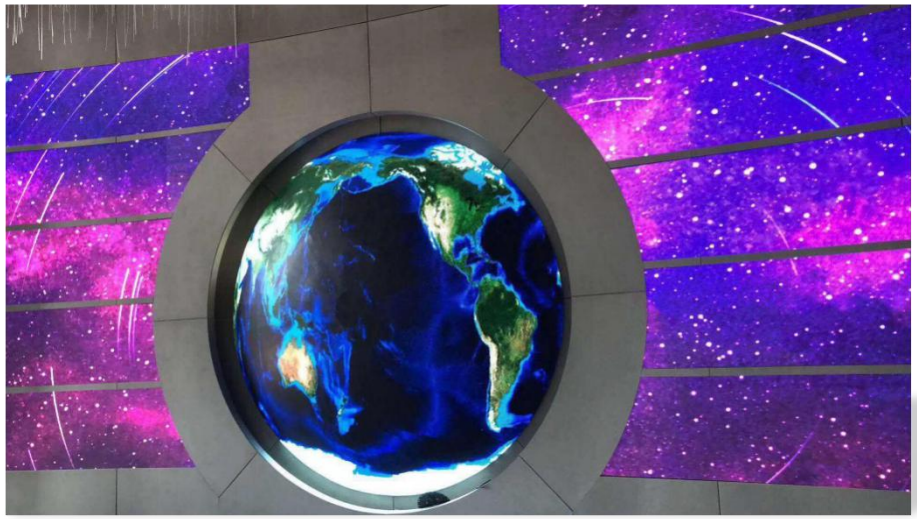
Creative LED screen

The Unique Design of LED Display



- Seamless Connections
- Better Heat Dissipation
- Easy Maintenance
- Refresh Rate
- Great Gray Scale
- Innovative Design
- Energy Saving
- Flexible Control



Seamless Connections

First of all, we applied the latest trapezoidal circuit design that can realize seamless splicing. All the products will be examined by professional QC team before they are delivered.

In addition, we have a variety of customized products to satisfy different requests.

Furthermore, it is worth pointing out what makes it special is its wide viewing angle of 360°.

Better Heat Dissipation

The module and PCB board are made by high precision CNC machine. Our module adopts the circuit design which serves to dissipate heat. And especially thanks to the over 4 layers of PCB board, its heat dissipation will be better than that of other products. Therefore, LED Sphere Display can be fully used to replace traditional advertising media tools, for example, TV sets.

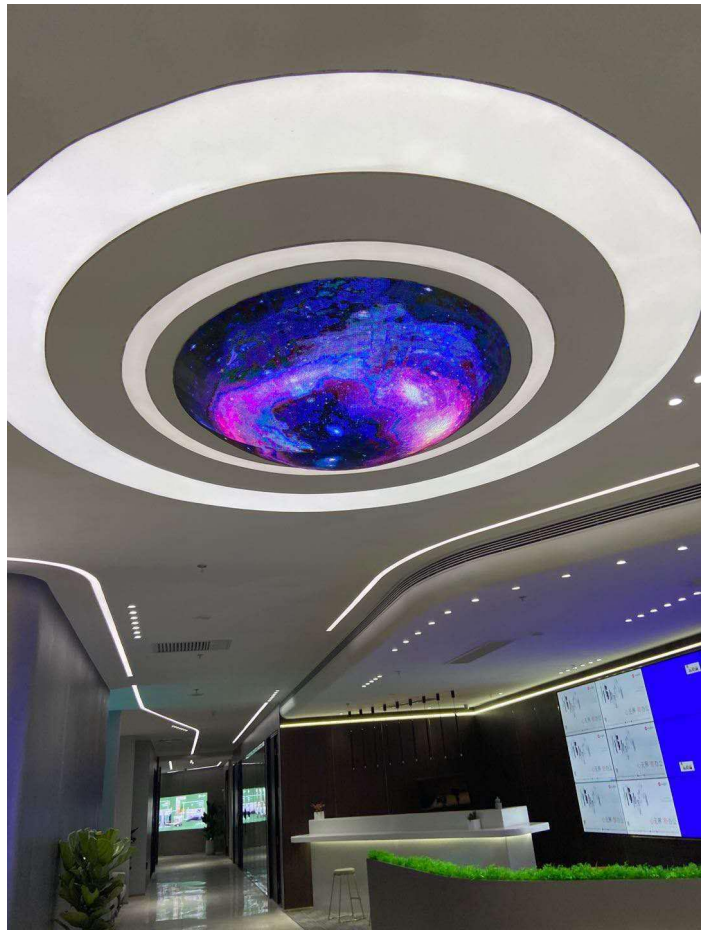
Easy Maintenance

The display supports front access maintenance, effectively reducing down-time. As a complete system, it supports landing installation, lifting installation, embedded installation and so on.

Applications: Planetarium, Exhibition, Museum, Airport, Railway Station, Shopping Mall, Bar, etc.

Flexible Control

Creative LED screen can play all-round videos and pictures. It always shows amazing video and picture display effects to our customers. Special PCB design can ensure less distortion of showing picture.



Application Fields

CT1 Parameters

Item	P2.5	P3	P4	P6	P8	P10
Pixel Pitch	2.5mm	3mm	4mm	6mm	8mm	10mm
LED Type	SMD1515	SMD2020	SMD2020	SMD2727	SMD3535	SMD3535
Screen Size	customized	customized	customized	customized	customized	customized
Pixel Density	160,000dots/㎡	111,111dots/㎡	62,500dots/㎡	27,777dots/㎡	15,625dots/㎡	10,000dots/㎡
Driving Mode	1/24scan	1/22scan	1/16scan	1/8scan	1/4scan	1/2scan
Minimum Viewing Distance	≥2.5m	≥3m	≥4m	≥6m	≥8m	≥10m
Brightness	800nits - 1,200nits	800nits - 1,200nits	800nits - 1,200nits	6,000nits - 10,000nits	5,500nits - 7000nits	6,000nits - 10,000nits
IP Grade	IP43	IP43	IP43	IP65	IP65	IP65
Refresh Rate	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz	1,920Hz~3,840Hz
Gray Scale	13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits	13bits~24bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	800W/㎡	800W/㎡	800W/㎡	800W/㎡	800W/㎡	800W/㎡
Average Power Consumption	230W/㎡	230W/㎡	230W/㎡	230W/㎡	230W/㎡	230W/㎡
Input Voltage	AC220V~AC110V @ 50Hz / 60Hz	AC220V~AC110V @ 50Hz / 60Hz	AC220V~AC110V @ 50Hz / 60Hz	AC220V~AC110V @ 50Hz / 60Hz	AC220V~AC110V @ 50Hz / 60Hz	AC220V~AC110V @ 50Hz / 60Hz
Operating Temperature	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Iron	Iron	Iron	Iron	Iron	Iron
Cabinet Weight	35kg/㎡	35kg/㎡	35kg/㎡	50kg/㎡	50kg/㎡	50kg/㎡
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.