

FA27 Series Specification

Model Name: FS2725

Version: V1.0

Product Specification



Product Features

- ◆ High-precision CNC-machined die-cast magnesium-aluminum alloy, reducing weight by approximately 15% compared to the previous generation. The slim design combines aesthetics and practicality.
- ◆ The body thickness is 31mm, with a 6mm snap-on bezel, achieving an extremely high screen-to-body ratio, which is both aesthetically pleasing and highly protective.
- ◆ Full front maintenance design supports hot-swapping, enabling ultra-fast repair and reducing maintenance costs.
- ◆ Box body can be optionally equipped with a quick-lock connection design, significantly enhancing the efficiency of the entire machine's installation and deployment.
- ◆ Hard connection structure replaces FFC cables, keeping the entire machine's wiring neat and effectively reducing the risk of line faults.
- ◆ Integrated three-in-one circuit boards, simplifying wiring and significantly improving the overall machine's operational stability.
- ◆ Designed with a standard 16:9 aspect ratio with all resolutions from 2K to 16K, presenting vivid and high-definition images.
- ◆ Box body can be freely spliced in 4K or less, creating an integrated LED display terminal with various forms, flexibly adapting to various scenarios and applications.

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- ◆ Equipped with PWM driver chips, there is no loss of color or detail in low-brightness and low-gray-scale scenarios, ensuring excellent picture quality.
- ◆ Wide viewing angle, high refresh rate, and high contrast ratio, providing clear and transparent display effects in all scenarios.
- ◆ Fanless cooling design is energy-efficient;
- ◆ Passed CE/CB/ETL/FCC certifications, complies with RoHS environmental standards, meets EMC Class A standards, and has low radiation for greater safety.

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Product Parameter

Physical Parameter

Pixel Composition	TOP2121
Pixel Pitch (mm)	2.5
Module Resolution (dots)	120*135
Cabinet Resolution (dots)	240*135
Pixel Density (dots / m ²)	160000
Module Size (L*W) / (mm)	300*337.5
Cabinet Size (L*W*H) / (mm)	600*337.5*31
Cabinet Material	Aluminum
Cabinet Module Arrangement (W*H)	2*1
Cabinet Weight (Single Cabinet/ kg)	3.4±0.1

Optical Parameter

Color Processing Depth (Bit)	14
Contrast	6500: 1
Refresh Rate Frequency (Hz)	3840
Drive Mode	1/45
White Balance Brightness (nit)	600
Color temperature (K)	9300
Viewing Angle (H/V °)	160/160

Electrical Parameter

AC Input Voltage (V)	AC100~240
AC Input Frequency (Hz)	60
Cabinet Maximum Power Consumption (W/Unit)	69
Cabinet Average Power Consumption (W/Unit)	23
Maximum Power Consumption (W/m ²)	341
Average Power Consumption (W/m ²)	114

Operation Environment Parameter

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Storage Temperature (°C)	-20 - 60(Does not include GOB/HOB)
Working Temperature (°C)	-10 - 40(Does not include GOB/HOB)
Storage Humidity (RH)	10%~85% No Condensation
Working Humidity (RH)	10%~80% No Condensation
LEDs Life Time (hrs.)	100000
Maintenance Mode	Fully Front Access

Note:

1. The content of this specification may be adjusted and revised in real time without prior notice to provide as accurate specification parameters as possible
2. This product is an indoor product. It is strictly prohibited to use it in direct sunlight
3. In order to ensure long-term and more uniform display effect, do not play fixed images for a long time
4. For enhanced safety, it is advisable to switch off the LED display using either the designated button or the remote control before a power outage occurs.

Product Structure Dimensions

