

# Product Specification Sheet

Product Series: Floor Display

Product Model: LC\*\*\*D-G/O

Document Revision History

| No | Revision No. | Change Status | Description of Changes (+/-)                                          | Approved By | Date       |
|----|--------------|---------------|-----------------------------------------------------------------------|-------------|------------|
| 1  | V1.0         | C             | Creation                                                              | Joyce Dong  | 2025.10.22 |
| 2  | V1.1         | A             | Added product parameters and unit board signal interface definitions. | Joyce Dong  | 2025.11.05 |
| 3  | V1.2         | A             | Added product parameters                                              | Joyce Dong  | 2026.02.09 |
| 4  | V1.2         | M             | Modification                                                          | Gloria      | 2026.06.08 |
| 5  | V1.2         | M             | Modification                                                          | Lynn        | 2026.06.09 |

\*Note on Change Status: C——Creation, A——Addition, M——Modification, D——Deletion

**Disclaimer:** This document outlines the technical parameters for the standard model within this series.

The actual product specifications may vary based on the configuration specified in the sales contract.

The images provided are for illustrative purposes only, the actual product may differ.

This document provides the technical specifications and images for the standard model, serving merely as a reference. The actual terms and details shall be governed by the contract.

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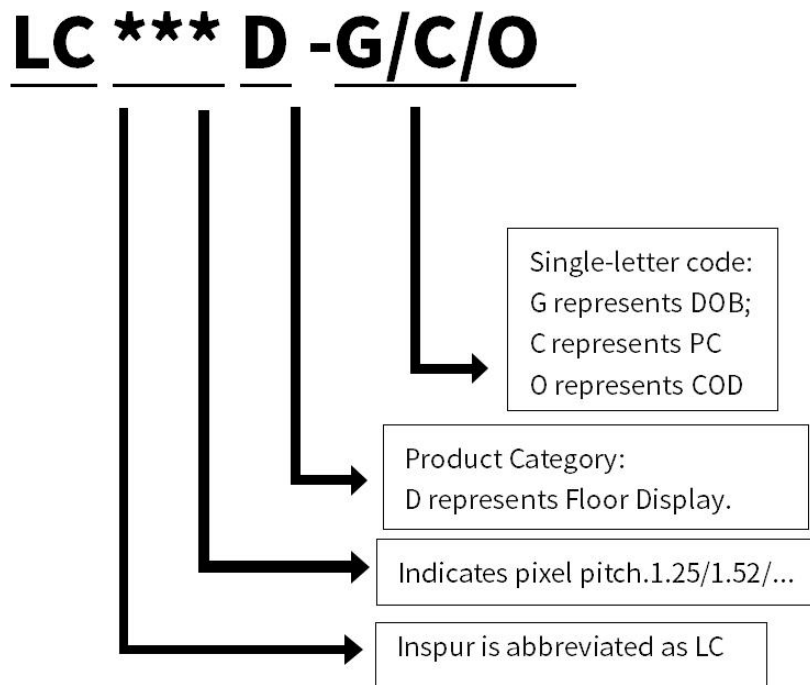
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## 1. Scope of Application

This technical manual applies exclusively to the following models of the LAC Vision Floor Display series: LC125D-G, LC152D-G, LC156D-G, LC183D-G, LC186D-G, LC195D-G, LC250D-G, LC260D-G, LC290D-G, LC390D-G and LC125D-O. The specifications provided below correspond to standard product configurations. Customization is available for specific requirements.

## 2. Naming Rules



Example: LC125D-G is an LAC Vision Floor Display, a DOB series product with a pixel pitch of 1.25mm.

## 3. Product Introduction

The LAC Vision Floor Display DOB series is an indoor LED product featuring a standard size of 500mm x 500mm, enabling completely seamless splicing. It offers ultra-high brightness and contrast ratio, along with an ultra-wide viewing angle, ensuring excellent display quality from all perspectives.

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With a compact footprint and a lifespan of up to 80,000 hours, this product utilizes a custom die-cast aluminum design for enhanced load-bearing capacity, reaching a maximum of 2 tons/m<sup>2</sup>. Rated at IP54, it withstands harsh environments. The surface employs DOB 、 COD technology, providing wear resistance, pressure tolerance, waterproofing, anti-slip properties, and anti-glare. It also supports built-in chip interactivity.



Note: The structural diagrams are for reference only. Please refer to the final approved drawings for precise details.

### 3.1 Product Features

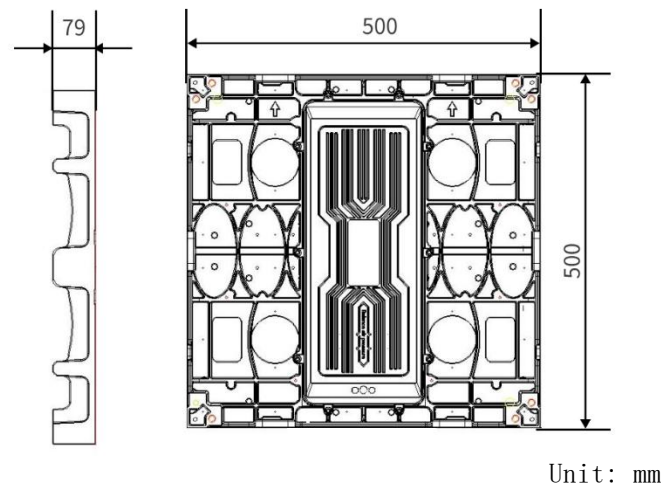
- High brightness, high contrast, high refresh rate, and ultra-wide viewing angle deliver smooth images and excellent display performance.
- High protection rating with DOB 、 COD technology, providing wear resistance, pressure tolerance, and anti-glare, suitable for harsh environments.
- Excellent shock resistance, anti-slip, and flame-retardant properties, oxidation and UV resistance effectively delay aging.
- High load-bearing design, capable of withstanding approximately 2 tons, unaffected even under vehicle compression.
- Cabinets support fine adjustment for correcting height differences between adjacent units,

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ensuring flat display surface.

- Equipped with infrared sensing and distance detection technologies to recognize human touch and footsteps, enabling real-time interactive visual effects.

### 3.2 Product Dimensions



Note: The structural diagrams are for reference only. Please refer to the final approved drawings for precise details.

## 4. Product Parameters

| Floor Display Series - DOB Edition |                                    |                                        |                         |                         |                         |                         |
|------------------------------------|------------------------------------|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                    | Model                              | LC125D-G                               | LC152D-G                | LC156D-G                | LC183D-G                | LC186D-G                |
| Module                             | Pitch(mm)                          | 1.25                                   | 1.52                    | 1.56                    | 1.83                    | 1.86                    |
|                                    | LED Model                          | SMD1010                                | SMD1212                 | SMD1212                 | SMD1212                 | SMD1212                 |
|                                    | LED Type                           | Copper Wire                            |                         |                         |                         |                         |
|                                    | Module Resolution                  | 200×200                                | 164×164                 | 160×160                 | 136×136                 | 134×134                 |
|                                    | Module Size<br>(W×H×D) (mm)        | 249.8×249.8×19 (±0.5)                  |                         |                         |                         |                         |
|                                    | Module Weight (kg)                 | 0.83±0.3                               |                         |                         |                         |                         |
|                                    | Pixel Density(dot/m²)              | 640000                                 | 430336                  | 409600                  | 295936                  | 287296                  |
|                                    | Maintenance Method                 | Rear /Front Maintenance                | Rear /Front Maintenance | Rear /Front Maintenance | Rear /Front Maintenance | Rear /Front Maintenance |
| Single Cabinet                     | Cabinet Dimensions<br>(W×H×D) (mm) | 499.9×499.9×60 / 499.9×499.9×72 (±0.5) |                         |                         |                         |                         |
|                                    | Single Cabinet Flatness (mm)       | ≤0.2                                   |                         |                         |                         |                         |

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|                       |                                               |                                |         |         |         |         |
|-----------------------|-----------------------------------------------|--------------------------------|---------|---------|---------|---------|
|                       | Cabinet Material                              | Die-Cast Aluminum              |         |         |         |         |
|                       | Single Cabinet Weight (kg)                    | 8.5±0.5 / 9.5±0.5              |         |         |         |         |
| Complete Unit Cabinet | Cabinet Module Composition                    | 2×2                            |         |         |         |         |
|                       | Cabinet Resolution                            | 400×400                        | 328×328 | 320×320 | 272×272 | 268×268 |
|                       | Complete Unit Cabinet Dimensions (W×H×D) (mm) | 500×500×79 / 500×500×89 (±0.5) |         |         |         |         |
|                       | Complete Unit Cabinet Weight (kg)             | 11.3±0.5 / 12.5±0.5            |         |         |         |         |
|                       | Maintenance Method                            | Front Maintenance              |         |         |         |         |
|                       | Cabinet Flatness (mm)                         | ≤0.5                           |         |         |         |         |
|                       | Maximum Load Capacity (3x Safety Factor)      | 1000kg/m <sup>2</sup>          |         |         |         |         |
|                       |                                               |                                |         |         |         |         |
| Optical Parameters    | Single-Point Brightness Calibration           | Supported                      |         |         |         |         |
|                       | Single-Point Chromaticity Calibration         | Supported                      |         |         |         |         |
|                       | White Balance Luminance (cd/m <sup>2</sup> )  | ≥500                           | ≥500    | ≥500    | ≥600    | ≥600    |
|                       | Color Gamut (BT2020.)                         | ≥85%                           |         |         |         |         |
|                       | Color Temperature (K)                         | 6500±500                       |         |         |         |         |
|                       | Horizontal Viewing Angle                      | 160°±10°                       |         |         |         |         |
|                       | Vertical Viewing Angle                        | 160°±10°                       |         |         |         |         |
|                       | Luminance Uniformity                          | ≥97%                           |         |         |         |         |
|                       | Chromaticity Uniformity                       | ≤0.003                         |         |         |         |         |
|                       | Contrast Ratio                                | ≥3000:1                        |         |         |         |         |
|                       | Viewing Distance (m)                          | ≥2                             |         |         |         |         |
|                       |                                               |                                |         |         |         |         |
| Electrical Parameters | Cabinet Maximum Power Consumption (W)         | ≤200                           |         |         |         |         |
|                       | Cabinet Maximum Power Consumption             | ≤300                           |         |         |         |         |

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|                        |                                                      |                                                                                |      |      |      |      |
|------------------------|------------------------------------------------------|--------------------------------------------------------------------------------|------|------|------|------|
|                        | (W/m <sup>2</sup> )                                  |                                                                                |      |      |      |      |
|                        | Maximum Active Power Consumption (W/m <sup>2</sup> ) | ≤680                                                                           |      |      |      |      |
|                        | Power Supply Requirements                            | AC100-240V@3A                                                                  |      |      |      |      |
| Processing Performance | Scanning Method                                      | 1/50                                                                           | 1/41 | 1/40 | 1/34 | 1/34 |
|                        | Frame Change Frequency                               | 60Hz                                                                           |      |      |      |      |
|                        | Refresh Rate (Hz)                                    | ≤3840                                                                          |      |      |      |      |
|                        | Drive Method                                         | Constant Current Drive                                                         |      |      |      |      |
|                        | Grayscale (bit)                                      | 14                                                                             |      |      |      |      |
|                        | Control Method                                       | Ethernet Port                                                                  |      |      |      |      |
| System Control         | Control Distance                                     | Cat5e twisted pair, fiber optic transmission for distances exceeding 100m      |      |      |      |      |
|                        | Signal Input                                         | HDMI、DVI                                                                       |      |      |      |      |
|                        | Brightness Adjustment                                | Manual/Automatic/Programmable                                                  |      |      |      |      |
| Operating Parameters   | Continuous Operating Time                            | ≥5000 hours (supports uninterrupted display)                                   |      |      |      |      |
|                        | Mean Time Between Failures                           | ≥50000 hours                                                                   |      |      |      |      |
|                        | Discrete Failure Pixels                              | 0 at factory setting                                                           |      |      |      |      |
|                        | Continuous Failure Pixels                            | 0 at factory setting                                                           |      |      |      |      |
|                        | Dead Pixel Rate                                      | 0 at factory setting                                                           |      |      |      |      |
|                        | Screen Temperature Rise (Operating State)            | ≤60                                                                            |      |      |      |      |
| Usage Parameters       | Typical Lifespan (hrs)                               | 50000                                                                          |      |      |      |      |
|                        | Operating Temperature Range                          | -20 ~ +40°C                                                                    |      |      |      |      |
|                        | Storage Temperature Range                            | -20 ~ +60 °C                                                                   |      |      |      |      |
|                        | Operating Humidity Range                             | 10-60%RH (No Condensation)                                                     |      |      |      |      |
|                        | Storage Humidity Range                               | 10-60%RH (No Condensation)                                                     |      |      |      |      |
|                        | Protection Rating                                    | IP54                                                                           |      |      |      |      |
|                        | Certification                                        | Complies with CCC, CE, and FCC certifications, and meets EU ROHS requirements. |      |      |      |      |

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| Floor Display Series - DOB Edition |                                                  |                                        |                         |                         |                         |                         |
|------------------------------------|--------------------------------------------------|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                    | Model                                            | LC195D-G                               | LC250D-G                | LC260D-G                | LC290D-G                | LC390D-G                |
| Module                             | Pitch(mm)                                        | 1.95                                   | 2.5                     | 2.6                     | 2.9                     | 3.9                     |
|                                    | LED Model                                        | SMD1515                                | SMD1515                 | SMD1515                 | SMD1515                 | SMD2121                 |
|                                    | LED Type                                         | Copper Wire                            |                         |                         |                         |                         |
|                                    | Module Resolution                                | 128×128                                | 100×100                 | 96×96                   | 84×84                   | 64×64                   |
|                                    | Module Size<br>(W×H×D) (mm)                      | 249.8×249.8×19 (±0.5)                  |                         |                         |                         |                         |
|                                    | Module Weight (kg)                               | 0.83±0.3                               |                         |                         |                         |                         |
|                                    | Pixel Density<br>(dot/m <sup>2</sup> )           | 262144                                 | 160000                  | 147456                  | 112896                  | 65536                   |
|                                    | Maintenance Method                               | Rear Maintenance                       | Rear /Front Maintenance | Rear /Front Maintenance | Rear /Front Maintenance | Rear /Front Maintenance |
| Single Cabinet                     | Cabinet Dimensions<br>(W×H×D) (mm)               | 499.9×499.9×60 / 499.9×499.9×72 (±0.5) |                         |                         |                         |                         |
|                                    | Single Cabinet Flatness (mm)                     | ≤0.2                                   |                         |                         |                         |                         |
|                                    | Cabinet Material                                 | Die-Cast Aluminum                      |                         |                         |                         |                         |
|                                    | Single Cabinet Weight (kg)                       | 8.5±0.5 / 9.5±0.5                      |                         |                         |                         |                         |
| Complete Unit Cabinet              | Cabinet Module Composition                       | 2×2                                    |                         |                         |                         |                         |
|                                    | Cabinet Resolution                               | 256×256                                | 200×200                 | 192×192                 | 168×168                 | 128×128                 |
|                                    | Complete Unit Cabinet Dimensions<br>(W×H×D) (mm) | 500×500×79 / 500×500×89 (±0.5)         |                         |                         |                         |                         |
|                                    | Complete Unit Cabinet Weight (kg)                | 11.3±0.5 / 12.5±0.5                    |                         |                         |                         |                         |
|                                    | Maintenance Method                               | Front Maintenance                      |                         |                         |                         |                         |
|                                    | Cabinet Flatness (mm)                            | ≤0.5                                   |                         |                         |                         |                         |
|                                    | Maximum Load Capacity<br>(3x Safety Factor)      | 1000kg/m <sup>2</sup>                  |                         |                         |                         |                         |
| Optical Parameters                 | Single-Point Brightness Calibration              | Supported                              |                         |                         |                         |                         |
|                                    | Single-Point Chromaticity Calibration            | Supported                              |                         |                         |                         |                         |
|                                    | White Balance Luminance (cd/m <sup>2</sup> )     | ≥600                                   |                         |                         |                         |                         |
|                                    | Color Gamut                                      | ≥85%                                   |                         |                         |                         |                         |

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|                        |                                          |                                                                                  |      |      |      |      |
|------------------------|------------------------------------------|----------------------------------------------------------------------------------|------|------|------|------|
|                        | (BT2020.)                                |                                                                                  |      |      |      |      |
|                        | Color Temperature (K)                    | 6500±500                                                                         |      |      |      |      |
|                        | Horizontal Viewing Angle                 | 160°±10°                                                                         |      |      |      |      |
|                        | Vertical Viewing Angle                   | 160°±10°                                                                         |      |      |      |      |
|                        | Luminance Uniformity                     | ≥97%                                                                             |      |      |      |      |
|                        | Chromaticity Uniformity                  | ≤0.003                                                                           |      |      |      |      |
|                        | Contrast Ratio                           | ≥3000:1                                                                          |      |      |      |      |
|                        | Viewing Distance (m)                     | ≥2                                                                               |      |      |      |      |
| Electrical Parameters  | Cabinet Maximum Power Consumption (W)    | ≤200                                                                             |      |      |      |      |
|                        | Cabinet Maximum Power Consumption (W/m²) | ≤300                                                                             |      |      |      |      |
|                        | Maximum Active Power Consumption (W/m²)  | ≤680                                                                             |      |      |      |      |
|                        | Power Supply Requirements                | AC100-240V@3A                                                                    |      |      |      |      |
| Processing Performance | Scanning Method                          | 1/32                                                                             | 1/25 | 1/16 | 1/14 | 1/16 |
|                        | Frame Change Frequency                   | 60Hz                                                                             |      |      |      |      |
|                        | Refresh Rate (Hz)                        | ≤3840                                                                            |      |      |      |      |
|                        | Drive Method                             | Constant Current Drive                                                           |      |      |      |      |
|                        | Grayscale (bit)                          | 14                                                                               | 16   | 14   | 14   | 14   |
| System Control         | Control Method                           | Ethernet Port                                                                    |      |      |      |      |
|                        | Control Distance                         | Cat5e twisted pair cable, fiber optic transmission for distances over 100 meters |      |      |      |      |
|                        | Signal Input                             | HDMI、DVI                                                                         |      |      |      |      |
|                        | Brightness Adjustment                    | Manual / Automatic / Programmable Control                                        |      |      |      |      |
| Operating Parameters   | Continuous Operating Time                | ≥ 5000 hours, supports uninterrupted display                                     |      |      |      |      |
|                        | Mean Time Between Failures               | ≥50000 hours                                                                     |      |      |      |      |
|                        | Discrete Failure Pixels                  | 0 at factory setting                                                             |      |      |      |      |
|                        | Continuous Failure Pixels                | 0 at factory setting                                                             |      |      |      |      |
|                        | Dead Pixel Rate                          | 0 at factory setting                                                             |      |      |      |      |

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|                  |                                           |                                                                                |
|------------------|-------------------------------------------|--------------------------------------------------------------------------------|
|                  | Screen Temperature Rise (Operating State) | ≤60                                                                            |
| Usage Parameters | Typical Lifespan (hrs)                    | 50000                                                                          |
|                  | Operating Temperature Range               | -20°C~+40                                                                      |
|                  | Storage Temperature Range                 | -20°C~+60                                                                      |
|                  | Operating Humidity Range                  | 10-60%RH (No Condensation)                                                     |
|                  | Storage Humidity Range                    | 10-60%RH (No Condensation)                                                     |
|                  | Protection Rating                         | IP54                                                                           |
|                  | Certification                             | Complies with CCC, CE, and FCC certifications, and meets EU ROHS requirements. |

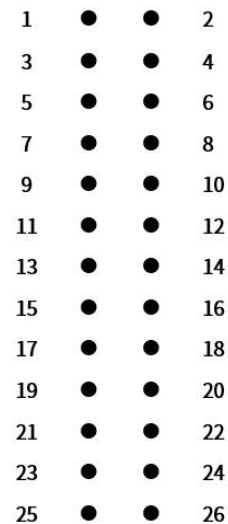
| Floor Display Series - COD Edition        |                                            |
|-------------------------------------------|--------------------------------------------|
| Model                                     | LC125D-O                                   |
| Pitch(mm)                                 | 1.25                                       |
| LED Configuration                         | SMD 1010                                   |
| Pixel Density (dot/m <sup>2</sup> )       | 640000                                     |
| Module Size(mm)                           | 250×250                                    |
| Module Resolution (dot)                   | 200×200                                    |
| Cabinet Size (W×H×D) (mm)                 | 500×500×83                                 |
| Cabinet Resolution (dot)                  | 400×400                                    |
| Cabinet Weight (kg)                       | 11.5                                       |
| Load Bearing (t/m <sup>2</sup> )          | 1.0                                        |
| IP Rating(front/back)                     | IP45/ IP54                                 |
| Environment                               | Indoor                                     |
| Brightness (cd/m <sup>2</sup> )           | 500-600                                    |
| Mask                                      | COD                                        |
| Viewing Angle(H/V)                        | 160°/160°                                  |
| Gray Scale (bit)                          | ≥14                                        |
| Max.Power Consumption (W/m <sup>2</sup> ) | 800                                        |
| Ave.Power Consumption (W/m <sup>2</sup> ) | 300                                        |
| Refresh Rate                              | 3840Hz                                     |
| IC                                        | CHIPFOUNTAIN 8365QFN                       |
| Operation Power                           | AC220~ 240V, 50/60Hz                       |
| Scan grade                                | 1/40S                                      |
| Interactive                               | ○ / ●                                      |
| Control Mode                              | Synchronous display with control PC by DVI |

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|                       |                                                |
|-----------------------|------------------------------------------------|
| Support Input         | Composite,S-Vido,Component,VGA,DVI,HDMI,HD_SDI |
| Operating Temperature | 0°C~40°C(work) , -20°C~60°C(store)             |
| Operating Humidity    | 35%~85%RH(work) , 10%~90%RH (store)            |
| Operating Life        | ≥100,000hours                                  |
| Cabinet Material      | diecast                                        |
| Installation          | Rail Installation/Adjustable foot installation |
| Packaging             | Flight Case                                    |
| Certification         | CCC、CE、FCC                                     |

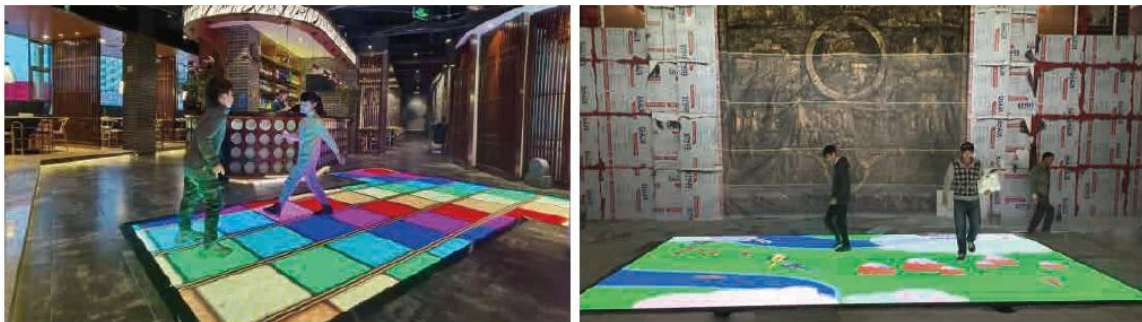
## 5. Signal Interface Definition of Unit Panel

| Pin | Signal | Function           | Pin | Signal | Function            |
|-----|--------|--------------------|-----|--------|---------------------|
| 1   | R1     | Red Data Signal 1  | 2   | G1     | Green Data Signal 1 |
| 3   | B1     | Blue Data Signal 1 | 4   | GND    | Power Ground        |
| 5   | R2     | Red Data Signal 2  | 6   | G2     | Green Data Signal 2 |
| 7   | B2     | Blue Data Signal 2 | 8   | GND    | Power Ground        |
| 9   | R3     | Red Data Signal 3  | 10  | G3     | Green Data Signal 3 |
| 11  | B3     | Blue Data Signal 3 | 12  | GND    | Power Ground        |
| 13  | NC     | No Pin             | 14  | NC     | No Pin              |
| 15  | NC     | No Pin             | 16  | GND    | Power Ground        |
| 17  | A      | Row Control Signal | 18  | B      | Row Control Signal  |
| 19  | C      | Row Control Signal | 20  | D      | Row Control Signal  |
| 21  | E      | Row Control Signal | 22  | GND    | Power Ground        |
| 23  | CLK    | Clock Signal       | 24  | LAT    | Latch Signal        |
| 25  | OE     | Enable Signal      | 26  | GND    | Power Ground        |



(Note: The unit board signal interface definition is based on the LC152D-G model and may vary across different models.)

## 6. Application Scenarios



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## 7. Precautions and Troubleshooting

| Item                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Environment      | <ol style="list-style-type: none"> <li>1. Temperature &amp; Humidity: Operating temperature range: -20°C to 40°C. Humidity range: 10% to 60% RH.</li> <li>2. Avoid Extreme Conditions: Do not use or store in high-temperature, high-humidity, or highly acidic/alkaline/salty environments.</li> <li>3. Hazard Prevention: Keep away from flammable materials, gases, corrosive substances, and dust during use.</li> <li>4. Transportation Precautions: Avoid strong impacts and contact with sharp objects during transportation.</li> <li>5. Heat Management: If ambient temperature is too high or heat dissipation is insufficient, avoid prolonged screen operation.</li> <li>6. Humidity Risks: Using the LED product beyond specified humidity levels may cause component corrosion or short circuits, leading to damage.</li> <li>7. Contamination Prevention: Do not allow water, iron powder, or other conductive metals to enter the display. The LED screen should be placed in a low-dust environment, as excessive dust can affect display performance and damage circuits. If water enters the display, power off immediately and do not reuse until all internal components are completely dry.</li> <li>8. Surface Protection: The screen surface is made of plastic material. Do not place cigarette butts or high-temperature objects directly on it to prevent damage and safety hazards.</li> </ol> |
| Power On/Off Sequence:     | <ol style="list-style-type: none"> <li>1. Power On: Turn on the computer first, then power on the LED display.</li> <li>2. Power Off: Turn off the LED display first, then shut down the computer.<br/>(If the computer is shut down without turning off the display first, bright spots may appear on the screen, potentially damaging LED chips and driver ICs, leading to serious consequences.)</li> <li>3. Interval Requirement: Allow at least 5 minutes between power cycles. Avoid powering on the floor display when the computer screen is entirely white, as this high-power state generates a large inrush current that may impact the entire power distribution system.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Supply Requirements: | <ol style="list-style-type: none"> <li>1. LED modules operate on DC power. AC power input is strictly prohibited. Ensure correct polarity of power terminals, reverse connection may cause product damage or severe fire hazards.</li> <li>2. Ensure reliable safety grounding. Ground and neutral wires must be properly isolated. Connect power sources away from high-power equipment.</li> <li>3. If abnormalities such as short circuits, tripping, cable burns, or smoke occur, do not repeatedly attempt power-on tests. Resolve the issue completely before re-energizing.</li> <li>4. Maintain stable supply voltage and implement lightning protection grounding. Avoid operation under extreme weather conditions, especially during thunderstorms.</li> <li>5. Implement graded power distribution for the LED floor display to prevent high-power surges</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | <p>affecting the entire electrical system.</p> <ol style="list-style-type: none"> <li>Avoid displaying full-white, high-brightness content for over 2 hours, as excessive current may cause cable overheating, LED damage, and reduced display lifespan. Dynamic video content is recommended.</li> <li>Do not frequently switch the power on/off consecutively. Maintain at least a 1-minute interval between operations.</li> <li>Non-professionals are prohibited from touching internal wiring to prevent electric shock or circuit damage. Always seek professional assistance for troubleshooting.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Cleaning & Maintenance                       | <ol style="list-style-type: none"> <li>Regular Cleaning: The LED floor display surface tends to accumulate dust and dirt. Clean periodically and promptly to maintain optimal viewing quality.</li> <li>Surface Cleaning Method: Use a soft-bristled brush to gently clean the module surface. Do not use hard objects or corrosive liquids, as these may damage the surface layer.</li> <li>Proper Wiping Procedure:<br/>Use a damp cloth with plain water, a soft brush, or a vacuum for dust removal.<br/>Do not clean directly with alcohol or corrosive solvents to avoid surface damage or discoloration.<br/>Always disconnect power before cleaning. Wring out the mop or cloth thoroughly. No standing water should be used.<br/>Do not use cleaning machines.<br/>Allow at least 1 hour after cleaning before powering on the display.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Moisture Protection and Storage Requirements | <ol style="list-style-type: none"> <li>Storage Temperature Requirements: Ambient temperature range: -20°C to 60°C. After opening the packaging, LED products must be stored in an environment with temperature &lt;60°C and humidity &lt;60% RH.</li> <li>Pest Prevention: Based on the environment where the display screen and control components are located, measures should be taken to avoid insect infestation and rodent damage.</li> <li>Regular Operation Requirement: LED floor displays should not remain powered off for extended periods. If not used for prolonged periods, they should be powered on once a week, each time operating for at least 1 hour before shutting down, to prevent moisture damage from prolonged inactivity.</li> <li>Preheating Procedures for High Humidity Environments:<br/>If the display remains unused for over 15 days in high humidity conditions, use the following preheating method: operate at 30%-50% brightness for 4-8 hours first, then adjust to normal brightness (80%-100%) to eliminate moisture and ensure normal operation.<br/>If the display remains unused for over 30 days in high humidity conditions, use the following preheating method: operate at 30%-50% brightness for at least 12 hours first, then adjust to normal brightness (80%-100%) to eliminate moisture and ensure normal operation.</li> </ol> |
| Troubleshooting                              | <ol style="list-style-type: none"> <li>Incorrect driver program loaded. Reload the correct driver program.</li> <li>The Ethernet cable between the computer and the screen is too long or faulty (Recommended</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

This document provides the technical specifications and images for the standard model, serving merely as a reference. The actual terms and details shall be governed by the contract.

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|  | <p>maximum length for Cat5e cable is <math>\leq 100</math> meters).</p> <ol style="list-style-type: none"> <li>3. Sending box or transmission card failure. Replace the sending box or transmission card.</li> <li>4. Receiving card failure. Check if the indicator light on the receiving card is lit. If not, replace the receiving card.</li> <li>5. Check for short circuits or open circuits in the wiring between the power supply and the control card.</li> <li>6. Unstable output voltage/current from the power supply. Replace the power supply.</li> <li>7. Troubleshooting Full-Screen Speckles, Image Distortion, and Flickering: <ol style="list-style-type: none"> <li>1) Incorrect driver program. Re-inspect the driver loading program, or uninstall and reinstall it.</li> <li>2) Sending box or transmission card failure. The sending box or transmission card needs to be replaced.</li> <li>3) Irregular flickering is generally a system frequency issue. Replace the system, or adjust configuration parameters to resolve the fault.</li> <li>4) Sporadic, pinpoint flickering could be a graphics card driver issue, or possibly a transmission card resolution setting problem.</li> <li>5) Power supply issues (insufficient power capacity, signal noise, electromagnetic interference).</li> <li>6) If accompanied by text flickering (irregular white edges around the text, irregular flickering that disappears after the text disappears), check graphics card settings. In the display properties, disable "Show shadows under menus" and "Smooth edges of screen fonts" to resolve this issue.</li> </ol> </li> </ol> |
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Note:

The above parameters represent typical values for the product. Variations may occur across different production batches, and the actual parameters of the product shall be subject to the factory inspection report.

During the product manufacturing process, continuous optimization and iteration are carried out, and the product specifications may be adjusted at any time. Please consult with regional agents before making a purchase.

For customized products, a new specification sheet needs to be issued.

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