

# Specification of Single-screen Display



Series: Single-screen Display

Product model: 43DS1A-P

Version: V1.1

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## Special Instructions

- Subject to product configuration and manufacturing process, the actual product dimensions/weight may vary. Please refer to the physical product for accuracy.
- The product diagrams and illustrations in this specification are for reference only. The actual product performance (including but not limited to appearance, color, and dimensions) may have slight differences. Please refer to the physical product for accuracy.
- To ensure information accuracy, we reserve the right to revise text descriptions, images, and other content without prior notice. All adjustments are intended to align with the actual performance and specifications of the product.
- Product performance may be affected by the operating environment, including but not limited to temperature, humidity, altitude, and other factors. It is recommended to use the product under the officially recommended environmental conditions.
- The product is accompanied by a warranty card, which must be presented together with the purchase proof as valid warranty documentation. During the warranty period, free repair services are available (excluding damages caused by force majeure or improper use).

## Product features

- Ultra-narrow bezel with three-side equal width of only 7.9mm.
- Ultra-thin body design, with an overall thickness as low as  $\leq 49.9\text{mm}$ .
- Supports both landscape and portrait mounting modes, and allows  $\pm 30^\circ$  tilt installation to meet various application scenarios.
- IP5X-rated protection and 24/7 continuous stable operation, ensuring reliability under diverse environmental conditions.
- Equipped with an ultra-high-definition anti-glare panel, maintaining clear visibility even in bright environments.
- Complies with Energy Star certification requirements.
- Optional OPS/SDM module support.
- Concealed infrared receiver design.

# Main Specifications

## 1. Overview

| Display               |                       |
|-----------------------|-----------------------|
| Size                  | 43"                   |
| Backlight Type        | D-LED                 |
| Resolution(pixels)    | 3840×2160 (UHD) (RGB) |
| Brightness            | 700cd/m <sup>2</sup>  |
| Contrast Ratio        | 4000:1                |
| Response Time         | 6.5ms                 |
| Pixel Pitch           | 0.2451mm×0.2451mm     |
| Refresh Rate          | 60Hz                  |
| Viewing Angle         | 178°(H) / 178°(V)     |
| Color Gamut           | 72%NTSC               |
| View Area             | 941.184mm×529.416mm   |
| Display Colors        | 1.07B                 |
| Life Time             | 50,000h               |
| System Properties     |                       |
| OS                    | Android 13.0          |
| CPU Architecture      | Cortex A55×4          |
| CPU Working Frequency | Max 1.8GHz            |
| Number of CPU Cores   | 4                     |
| GPU                   | Mali-G52 MP2          |
| RAM                   | 4GB                   |
| ROM                   | 32GB                  |

| Power                       |           |                            |
|-----------------------------|-----------|----------------------------|
| Power Requirements          |           | 100 V ~ 240 V/AC, 50/60 Hz |
| Maximum Power (Without OPS) |           | 185W                       |
| Standby Condition           |           | <0.5W                      |
| Power (AC) Input            |           | ×1                         |
| Function                    |           |                            |
| Audio Power                 |           | 10W×2                      |
| Wi-Fi                       |           | Wi-Fi 6                    |
| Input/Output Interface      |           |                            |
| Mainboard Interface         | HDMI IN   | ×2                         |
|                             | DP IN     | ×1                         |
|                             | USB 3.0   | ×1                         |
|                             | USB 2.0   | ×1                         |
|                             | OPS Slot  | ×1                         |
|                             | SPDIF     | ×1                         |
|                             | LAN       | ×1                         |
|                             | RS232 IN  | ×1                         |
|                             | RS232 OUT | ×1                         |
|                             | AUDIO OUT | ×1                         |
| Environment                 |           |                            |
| Operating Temperature       |           | 0°C ~ 40°C                 |
| Storage Temperature         |           | -10°C ~ 60°C               |
| Operating Humidity          |           | 20% ~ 80%                  |
| Storage Humidity            |           | 10% ~ 80%                  |
| Operating Altitude          |           | ≤5000m                     |
| The Longest Service Time    |           | 24 hours×7 days            |
| Structure                   |           |                            |
| Net Weight                  |           | 11.4±1.5kg                 |

|                                           |                                  |
|-------------------------------------------|----------------------------------|
| Gross Weight                              | 15.6kg±1.5kg                     |
| Product Size(W×D×H)                       | 963mm×50mm×551mm                 |
| Package Size(W×D×H)                       | 1070mm×140mm×657mm               |
| VESA                                      | 200mm×200mm M6×4                 |
| Housing Material (Front Bezel/Rear Cover) | Aluminum/Sheet Metal             |
| Housing Color (Front Bezel/Rear Cover)    | Black/Black                      |
| Language                                  |                                  |
| OSD Menu                                  | Simplified Chinese/English, etc. |
| Accessories                               |                                  |
| Remote Control                            | ×1                               |
| 3m Power Cable                            | ×1                               |
| 3m HDMI Cable                             | ×1                               |
| Certificate of Compliance                 | ×1                               |
| Warranty Card                             | ×1                               |
| Wall Mount Bracket                        | ×1                               |