

# 23.6-inch Round LCD Display Specification

Model: Y236RAD-A01

Version: V1.0

| Document Number | Prepared by | Reviewed by | Approved by | Effective Date |
|-----------------|-------------|-------------|-------------|----------------|
|                 |             |             |             |                |

| Version | Description    | Date             | Fiction      |
|---------|----------------|------------------|--------------|
| V1.0    | First Released | November 4, 2024 | Chen Qingjie |
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## Product Features

- New Appearance Design, No Tempered Glass.
- Uses high-resolution LCD panels to deliver clear, detailed, and realistic images and video effects.
- The rear shell is treated with high-temperature powder coating for wear resistance and corrosion protection.
- Supports multiple network connection options such as Ethernet and Wi-Fi.
- The motherboard uses the RK3288 quad-core application processor with a high clock speed of 1.9GHz for fast processing.
- Supports various playback modes such as automatic loop playback, full disk loop playback, single track loop playback, and more.
- Supports ad insertion and breakpoint memory functions.
- Uses a durable aluminum alloy shell and other materials, offering good pressure resistance and shockproof performance, capable of adapting to various environments and reducing the risk of damage caused by collisions and vibrations.

# Product Specifications

## Display Specifications

| Item                   | Parameter             | Note                       |
|------------------------|-----------------------|----------------------------|
| Display Specifications | Size                  | 23.6 inch                  |
|                        | Model NO              | Y236RAD-A01                |
|                        | Backlight             | LED                        |
|                        | Resolution            | 1280*1280                  |
|                        | Viewing Angle         | 89/89/89/89 (Typ.)(CR≥10)  |
|                        | Display colors        | 16.7M , 72% NTSC           |
|                        | Brightness            | 700cd/m <sup>2</sup>       |
|                        | Contrast ratio        | 1000:1                     |
|                        | Response Time         | 16ms                       |
|                        | Effective screen size | 599.42mm (H) x599.42mm (V) |

## Android System Configuration

| Item                         | Parameter               | Note   |
|------------------------------|-------------------------|--|
| Android System Configuration | CPU                     | RK3288 Quad-core                             |
|                              | Memory                  | 2GB DDR3                                     |
|                              | Built-in Storage        | 32GB   |
|                              | Operating System        | Android 11                                   |
|                              | Network Connection      | LAN, WiFi                                    |
|                              | Video Playback          | wmv、avi、flv、rm、rmvb、mpeg、ts、mp4              |
|                              | Supported Image Formats | Supports BMP, JPEG, PNG, GIF                 |
|                              | USB Ports               | 2 USB 2.0 Ports                              |
|                              | Serial Ports            | 3 Serial Ports (at least 1 supporting RS232) |
|                              | Ethernet                | 1 RJ45, 100M adaptive Ethernet               |
|                              | HDMI Output             | None   |
|                              | RS232 Serial Ports      | 2 Ports                                      |
|                              | Speaker                 | 2x8Ω 5W                                      |

|  |                              |  |  |
|--|------------------------------|--|--|
|  | Speaker type                 | High-fidelity audio  |  |
|  | Speaker Maximum Output Power | 5W x 2   |  |
|  | Audio Features               | Balance, Automatic Volume Control, Dolby Surround/ Bilingual Surround Sound/ Equalizer |  |

## Physical

|          | Item                            | Parameter                 | Note |
|----------|---------------------------------|---------------------------|------|
| Physical | Dimensions                      | 657*657*45MM              |      |
|          | Power & Consumption             | AC 110 ~240V 50/60Hz 120W |      |
|          | Input Voltage                   | AC 110~240V 60/50Hz       |      |
|          | Power Consumption               | ≤100W                     |      |
|          | Energy Saving Power Consumption | Less than <1W             |      |
|          | Lifespan                        | >60,000 hours             |      |
|          | Installation                    | Wall-Mount                |      |
|          | Wall-Mount Bracket              | Wall-Mount                |      |

## Environmental Conditions

- ◆ Operating Temperature: 0°C~50°C
- ◆ Storage Temperature: 0°C~70°C
- ◆ Operating Humidity: 20%~80%RH
- ◆ Storage Humidity: 20%~80%RH

## Structural dimension drawing

