

43-Inch Outdoor Portable Digital Signage Specification

Model: YD-R43ODS

Version: V1.0

| Document Number | Prepared by | Reviewed by | Approved by | Effective Date |
|-----------------|-------------|-------------|-------------|----------------|
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| Version | Description | Date | Fiction |
|---------|----------------|------------------|--------------|
| V1.0 | First Released | November 4, 2024 | Chen Qingjie |
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Product Features

- 2000nits Brightness for outdoor use, delivering sharper display effect and vibrant colors in outdoor environments.
- The waterproof housing blocks all dust and other particles in the air and is unaffected by any humid weather conditions, thus expanding the range of applicable environments.
- A user-friendly indicator design accurately informs you of the remaining battery level, delivering maximum convenience.
- Lithium-ion batteries have revolutionized how you use digital signage. This commercial-grade ultra-thin battery solution delivers over 12 hours of runtime. (Runtime will decrease slightly when the ambient temperature is below 0°C)
- Aluminum alloy frame and high-strength metal housing provide solid protection and support for the display's operational stability and service life.
- The new design supports mobile app, USB flash drive, Ethernet, and cloud control via the Internet, enabling one-click control of video content.
- The new design features front-mounted speakers for significantly enhanced sound quality. Adopting a brushed metal finish combined with piano baking paint, it is not only aesthetically pleasing but also waterproof.

Product Specifications

Panel Parameters

| Item | | Parameter | Note |
|------------------|---------------------------------|-------------------------|------|
| Panel Parameters | Display Screen | BOE IPS High TNI 105 °C | |
| | Resolution | 1920x1080 (FHD) | |
| | Display Area (mm) | 941.184 (H)x529.416 (V) | |
| | Aspect Ratio | 9:16 | |
| | Brightness (cd/m ²) | 2000 | |
| | Color Gamut | 16.7M | |
| | Viewing Angle | 178° | |
| | Contrast Ratio | 4000:1 | |
| | Touch Function | Optional | |

Mainboard Parameters

| Item | | Parameter | Note |
|----------------------|------------------|---|------|
| Mainboard Parameters | CPU | RK3566, Quad-Core, Main Frequency up to 1.8GHz | |
| | GPU | Mali-G52 GPU supports OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, and Vulkan 1.1 | |
| | RAM | Standard: 2GB, Optional: 4GB | |
| | Internal Storage | eMMC: Standard 16GB, Optional 32GB/64GB TF Card Expansion (supports SSD expansion) | |
| | Network | Supports RJ45 R/A 100Mbps Ethernet; supports 2.4GHz Wi-Fi (5GHz optional); supports Wi-Fi 802.11b/g/n; supports Bluetooth 4.2 | |
| | OS | Android 11 | |
| | Audio | MP3,WMA,WAV, APE, FLAC, AAC, OGG,M4A,3GPP | |
| | Video | Supports H.265, H.264, VP8, MAV, WMV, AVS, H.263, MPEG4 and other video formats | |
| | Image | Supports JPG, BMP, PNG and other image formats | |

Battery Parameters

| Item | | Parameter | Note |
|--------------------|--------------------|--|------|
| Battery Parameters | Battery Technology | Ternary Lithium Battery | |
| | Charging Time | 7 hours | |
| | Operating Time | Approximately 12 hours(When the temperature is below 0°C, the operating time decreases by 10% for every 5°C drop.) | |
| | Battery Capacity | 50000mAh | |
| | Input Voltage | 24V | |
| | Power Consumption | 1260WH | |

Physical

| Item | | Parameter | Note |
|----------|-----------------------------------|---|------|
| Physical | Operating Temperature | -20°C to 70°C (when the battery is charged 0°C to 45°C) | |
| | Storage Temperature | -30°C to 80°C (battery recommended long-term storage temperature -20°C to 25°C) | |
| | Operating Humidity | 10% to 80% | |
| | Storage Humidity | 5% to 95% | |
| | Appearance Color | Black; White (Other colors customizable) | |
| | Body Dimensions (H × W × D mm) | 586*153*1242mm | |
| | Package Dimensions (H × W × D mm) | 1390*280*720mm | |
| | Net Weight (Kg) | 45KG | |
| | Gross Weight (Kg) | 50KG | |
| | GPS and Wheel Lock | GPS Optional | |
| | Package Accessories | Remote Control、User Manual、Charging Adapter | |

Structural dimension drawing

