

43-Inch Outdoor Portable Digital Signage Specification

Model: YD-R43ODS

Version: V1.0

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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 x W x D mm)	586*153*1242mm
	Package Dimensions (H x W x 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

