Specification for Portable Smart Display



Series: Conference Products

Product model: 32MR1A

Date: 04/2024

Shenzhen Horion Intelligent Technology Co., Ltd.

I. Product features

1. System properties

- Powered by the high-performance RK3588S processor and running on Android 13.0, this device ensures reliable and fluid operation.
- It features a 4K Ultra HD resolution for crisp, natural images with rich, vibrant colors.
- 8GB RAM and 128GB ROM, providing faster system speeds and increased storage capacity.

2. Design and Interactivity

- The business gunmetal gray with rounded edges offers a sleek, minimalist design that is both safe and reliable.
- Enjoy a more comfortable viewing and interaction experience on the 32" large display.
- The screen supports a 90° vertical rotation with automatic switching between landscape and portrait modes, and an adjustable tilt angle.
- The base includes omnidirectional wheels for easy mobility.
- Equipped with a 4K high-definition capacitive touchscreen that supports 10-point touch, complemented by an active capacitive stylus for smooth writing.

3. Features

- High-quality stereo speakers with an output power of up to 2×3W.
- Powered by a rechargeable 136.8Wh lithium battery providing up to 3 hours of continuous use.
- Integrated with the Horion Meeting Management (HMM) to cater to various conferencing demands.
- Supporting whiteboard writing and screen mirroring functions.
- Equipped with an active capacitive stylus for writing.

II. Key Specifications

2. 1 Specification overview

Certified Model	32MR1A
Display Parameters	
Screen size	32"
Backlight type	ELED
Resolution	3840×2160
Brightness	220nit (Typ)
Contrast	3000 (Typ) / 2100 (Min)
Response time	21ms (Typ) / 27 (Max)
Pixel pitch	0.06053 (H) × 0. 18159 (W)
Frame frequency	60HZ
Service time	30,000hrs (min.)
Color saturation	72%NTSC
Visible area	697.3056*392.2344mm
Hue	1.07B (10bit)
System Properties	
Main Chip	RK3588S
CPU Cores	Octa- core
GPU	Mali-G610 MP4, Quad-core
RAM	8GB
ROM	128GB
System Version	Android 13
I/O ports	

USB3.0	*1
USB2.0	*1
HDMI2.0	*1
Power Supply Parameters	
Power supply	90W 19V/4.74A
Battery	9500mAh/14.4V (136.8Wh)
Power input	DC IN
Features	
Sound power	3W×2
WIFI	2.4GHz/5GHz
Bluetooth	2. 1+EDR/4.2/5.0/5. 1
Environment Factors	
Operating temperature	0℃ ~ +40℃
Charging temperature	0℃ ~ +45℃
Operating humidity	0% ~ 65% (non-condensing)
Storage humidity	0% ~ 60% (non-condensing)
Operating altitude	≤3000m
Structure	
Case color	Gunmetal gray
Net weight	19.2KG
Net unit size (L*W*H)	731.31×23.7×426.23mm (without base)
	731.31×425.57×1332.4mm (with metal stand)
Package size (L*W*H)	1437×200×532mm
Accessories	
Omnidirectional wheel base	*1
Connecting rod	*1
Power adapter	*1

User manual (includes Certificate of Conformity and Warranty Card)	*1
Active capacitive stylus	*1
Stylus	*1
Screws	*4