



Doing it Right!

75- inch Vertical Full-screen Advertising Machine



BASE SPECIFICATION

This series of products has a cabinet-style appearance, all-body hardware cold-rolled steel plate spraying, aluminum alloy side strips, 4MM special tempered glass panel, vertical 8 : 3 LCD screen, high-definition effect, and can be widely used in building lobbies, hospitals, stations, hotels, sub-ways, shopping malls, government buildings and other occasions. It is mainly used for welcoming guests, queuing and number collection, and value-added services. It is a latest high-end smart AI commercial display product.

DISPLAY PARAMETERS

Active Area Size	1648 (H)* 617 (V)mm
LCD Panel	LED
Display Mode (Aspect Ratio)	16:6
Max Resolution	3840 x 1440 FHD
Support Colors	16.7M
Pixel Pitch	0.42 x 0.42 mm
Brightness Nits	400-500 cd/m ² high brightness
Contrast Ratio	2000:1
Viewing Angle	R/L/U/D 89/89/89/89
Response Time	< 8ms
Field Rate	60Hz
Theory Lifetime	50000H
Power Consumption (kw/h)	< 180W





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HARDWARE SPECIFICATIONS

CPU	RK3568, quad-core, clock speed up to 2.0GHz , Android 11
GPU	Mali-G52 GPU supports OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, and Vulkan 1.1
Memory	4GB
Built-in Storage Capacity	eMMC 32GB
Network	TF Card expansion (can be used to expand SSD) Support RJ45 R/A 100M Ethernet, support Ethernet ; Support 2.4GHz Wi-Fi ; supports Wi-Fi 802.11b/g/n protocols ;
Image Rotation	Support Bluetooth 4.2 , send programs via mobile phone Bluetooth. Supports manual rotation of 0 degrees, 90 degrees, 180 degrees, and 270 degrees ; optional gravity sensor supports automatic rotation
Display Interface	1*LVDS interface (single/dual, 6-bit/8-bit), supports 3.3V/5V/12V power supply 1 EDP interface, 1 HDMI 1 V- By-One interface, supporting 1080P output 1 HDMI IN interface is reserved and can be equipped with a small board Onboard backlight control supports 12V backlight power supply
Audio	Support standard left and right channel line output ; support 3.5mm audio output interface
Amplifier	2-channel output (8 ohm 5 watt dual-channel audio amplifier output)
Microphone	Differential MIC input
RTC	Built-in real-time clock function
USB	1 USB-3.0 HOST, 1 USB3.0 OTG, 5 expansion USB ports
LED	1*power status LED (green), 1*system LED (green, flashing by default)
Button	1*Upgrade key
Serial Port	4-channel UART, 1- channel DEBUG, 1- channel MCU burning serial port ; RS232 and RS485 are optional UART 1 is multiplexed with Bluetooth and the default function is Bluetooth.
CPIO	5-way IO input and output control, capable of key scanning control
KEY	Support physical switch
Power Adapter	Input: AC100-240V.50-60HZ, Output: DC12V 1.5A (Requires surge voltage less than 18V, ripple voltage less than 100mV)
Storage Humidity	10%~90%, no condensation

USAGE ENVIRONMENT

Operating Temperature

Operating Temperature	0°C~40°C
Storage Temperature	-20°C~60°C
Air Humidity	< 85%
Operating Voltage	~100V-260Vac 50Hz/60Hz

