



Interactive flat panel

U55Pro User Manual



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1 适用范围(Scope)

本规格书适用我司生产的55寸液晶电子白板：U55Pro。
(This specification applies to 55 inch LCD whiteboard: U55Pro.)

2 产品视图(Product View)

(产品尺寸图详见附页)



备注：图片仅供参考，请以实际机器为准。

(The picture is for reference only, specific to prevail in kind.)

3 产品特性(Function)

- ◆.采用 ELED 背光模组，整机窄边框，轻薄设计。
(ELED backlight module, narrow frame, light and thin design.)
- ◆.全贴合工艺，钢化玻璃和显示屏之间间隙进一步缩小，减少漫反射，提升显示效果。
(Optical Bonding technology, the gap between glass and display screen is further reduced which reduces diffuse reflection and improves the display effect.)
- ◆.一体化设计简洁美观，屏幕支持 90°旋转。
(The integrated design is simple and beautiful, and the screen supports 90° rotation.)
- ◆.全通道批注，带 Android 书写软件。
(All Signal Sources Annotation, built-in Android writing software.)
- ◆.隐藏式内置天线，不外露。
(Antenna hidden inside.)
- ◆.搭载 20 点高精度电容触控，精准识别无抖动。
(Equipped with 20 points of high-precision capacitive touch.)
- ◆.软件支持护眼模式，呵护用户双眼健康。
(The software supports the eye care mode and takes care of the health of users.)
- ◆.2.0mm AG+AF 钢化玻璃。
(2.0mm AG+AFglass.)
- ◆.拔插式 Type-C 摄像头。
(Plug-in type-c interface camera.)
- ◆.内置 8 路麦克风阵列。
(Built-in 8-channel microphone array.)

4 产品规格(Specification)

	项目(Item)	参数(Parameter)	
显示参数 (Display)	LCD 尺寸(Size)	54.64"	
	背光类型(Backlight Type)	ELED	
	分辨率(Resolution)(pixels)	3840x2160(pixels)	
	亮度(Brightness)		350cd/m ² (min.)
			400cd/m ² (typ.)
	对比度(Contrast Ratio)	1200:1(typ.)	
	响应时间(Response Time)	8ms (typ.)	
	像素点距(Pixel Pitch)(mm)	0.315(H)x0.315(V)	
	帧频(Refreshing Frequency)	60Hz	
	视角(Viewing Angle)	178°(H) / 178°(V)	
	寿命(Life Time)	30,000 hrs (min.)	
	色域(Color Gamut)(X% NTSC)	85%	
	可视面积(View Area)(mm)	1209.6(H)x680.4(V)	
	色彩度(Display Colors)	1.07G(8bit+FRC)	
电气参数 (Electrical)	主芯片(Chipset)	RK3588	
	CPU	架构(Architecture)	Cortex A76 + Cortex A55
		工作主频(Working Frequency)	Max 2.4GHz for big and 1.8GHz for little.
		核心数(Core)	4 核 A76 +4 核 A55 (Quad core A76 + Quad core A55)
	GPU	Mali G610	
	内部缓存容量(RAM)	8GB/16GB 可选配, 8GB/16GB optional.	
	内部存储容量(ROM)	64GB/128GB 可选配, 64GB/128GB optional.	
	系统版本(OS)	Android 13.0	
	电压(Power Requirements)	AC 100V ~ 240 V, 50/60 Hz	
	最大功率 (Power Consumption)	190W	
	待机功率(Standby Condition)	<0.5W	
最大伴音功率(Audio Output Power)	2x10W/6Ω		

主板接口 (Interface)	HDMI-IN	×1	最高分辨率支持(Max Resolution): 3840×2160@60Hz 版本(Version): HDMI 2.1 TMDS HDMI 支持 ARC 功能 HDMI supports ARC.
	Type-C IN	×1	最高分辨率支持(Max Resolution): 3840×2160@60Hz 接口(Interface): USB Type-C 支持 DRP 模式, PD 支持 15W Supports DRP Mode, Power Delivery supports 15W.
	HDMI-OUT	×1	最高分辨率支持(Max Resolution): 3840×2160@60Hz 版本(Version): HDMI 2.1 TMDS 支持全通道环通输出 All channels can be Looped out by HDMI-OUT
	USB3.0_A	×1	支持图片、音乐、视频文件播放, 不支持跟随功能, 支持固件升级。 Android system use only, supports images, music, video file playback, can't be used for firmware upgrade. 接口(Interface): USB3.0 Type-A
	USB3.0_A	×1	支持图片、音乐、视频文件播放, 支持跟随功能, 不支持固件升级。 Smart follow interface, supports images,music,video file playback, can't be used for firmware upgrade. 接口(Interface): USB3.0 Type-A
	TOUCH	×1	Touch 为 HDMI 的跟随接口 Touch for HDMI 接口(Interface): USB3.0 Type-B
	LAN	×1	10M/100M/1000M 自适应 (10M/100M/1000Mbps Base-T self-adapted) 接口(Interface): RJ-45
	SPDIF-OUT	×1	最大传输速度(Max speed): 16Mbps 接口(Interface): 光纤端子(Optical port)
	RS232-IN	×1	RS232 Input 接口(Interface): DB9

板载 WIFI5	主芯片(Main Chipset)	RTL8822
	频段(Operating Frequency)	2.4GHz/5GHz
	Wi-Fi 标准(Wi-Fi Standard)	IEEE 802.11a/b/g/n/ac
板载WIFI6	主芯片(Main Chipset)	AP6275P
	频段(Operating Frequency)	2.4GHz/5GHz
	WIFI 标准(WI-FI Standard)	IEEE 802.11a/b/g/n/ac/ax
	蓝牙(Bluetooth)	V5.3
触摸参数 (Touch)	触摸规格(Sensing Type)	金属网格(Metal Mesh)
	玻璃规格(Surface Protection)	2.0mm钢化玻璃(2.0mm Toughened Glass)
	最大输出点数(Infrared Touch)	20点(20 Points)
	触摸精度(Touch Accuracy)	±1mm 95%AA 区
	响应时间(Response Time)	≤10ms
	输出形式(Output Mode)	HID 标准(HID Standard)
	理论点击次数(Theory Clicks)	无限次(Unlimited)
	接口类型(Connect Type)	USB2.0全速(USB2.0 Full Speed)

	工作电压(Voltage)	DC+5V±5%
	功耗(Power Consumption)	≤2.5W
	Windows 11101817,Android	支持多点(Multiple Touch)
	Windows XP, Linux, Mac OSX, Chrome	支持单点(Single Touch)
结构参数 (Structure)	裸机外形尺寸(WxDxH) (Product Size(W x D x H))	1254.2mmx66mmx725mm
	包装外形尺寸(WxDxH) (Package Size(W x D x H))	1465mmx190mmx870mm
	外壳材料(面框/后壳)(Housing Material)	铝型材/塑料(Aluminum/Plastic)
	外壳颜色(面框/后壳)(Housing Color)	白色/白色(White/White)
	壁挂孔位(VESA)	4-M8 螺丝孔400mmx400mm (4-M8 Screw Hole 400mmx400mm)
电池模块 (Battery module) (Optional)	额定容量(Rated capacity)	28000mAh
	使用时长(Working hours)	>3 小时(3 hours)

5 附件(Accessories)

附件(Accessories)	数量(Quantity)
主动笔(Active pen)	x1
1.5m 电源线(Power Cord)	x1
3m USB A-B 线(USB A-B Cable)	x1
3m HDMI 线(HDMI Cable)	x1
合格证(Qualified Certificate Lable)	x1
保修卡(Warranty Card)	x1
底座(The Base)	x1
遥控器(Remote Control)	x1
适配器(Adapter)	x1
电池模块(Battery module)(Optional)	x1

6 环境条件(Environment)

- ◆.工作温度:0~+40°C。
(Operating temperature 0 ~+ 40°C.)
- ◆.储存温度: -10°C ~+60°C。
(Storage temperature -10°C~+60°C.)
- ◆.工作湿度:20%~80% 非凝结。
(Operating humidity 20%~80% RH Non-Condensing.)
- ◆.储存湿度:10%~80% 非凝结。
(Storage humidity 10%~80% RH Non-Condensing.)
- ◆.工作海拔:≤ 5000m。
(Operating altitude ≤5000m.)
- ◆.使用时长:18 小时x7 天。
(The longest service time 18 Hoursx7 days.)

7 免责声明(Disclaimer)

本产品因受配置及生产工艺等诸多方面影响，实际尺寸!重量可能会存在差异，规格书仅供参考，请以实际为准。

本规格书附带的产品图片仅用于示意展示，实际的效果(包括但不限于外观、颜色、尺寸)可能略有差异，请以实物为准。

为提供更详尽准确的规格参数信息，可能会对本规格书的内容及表述进行修订调整，以求与实际产品信息相匹配。

如遇有涉及到上述修改及更新的情形，恕不另行通知。

请严格按照整机要求的存储条件进行存储，不当存储可能会造成异常。

Due to the influence of many aspects such as configuration and manufacturing process, the actual size/weight of this product may vary. The specification is for reference only, please refer to the actual situation.

The product pictures attached to this specification are only for illustrative display, the actual effect (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product.

In order to provide more detailed and accurate specification parameter information, the content and presentation of this specification may be revised and adjusted to match the actual product information. in case of any situation involving the above modification and update, no prior notice will be given.

Please store in strict accordance with the required storage conditions. Improper storage may cause abnormalities.



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FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.