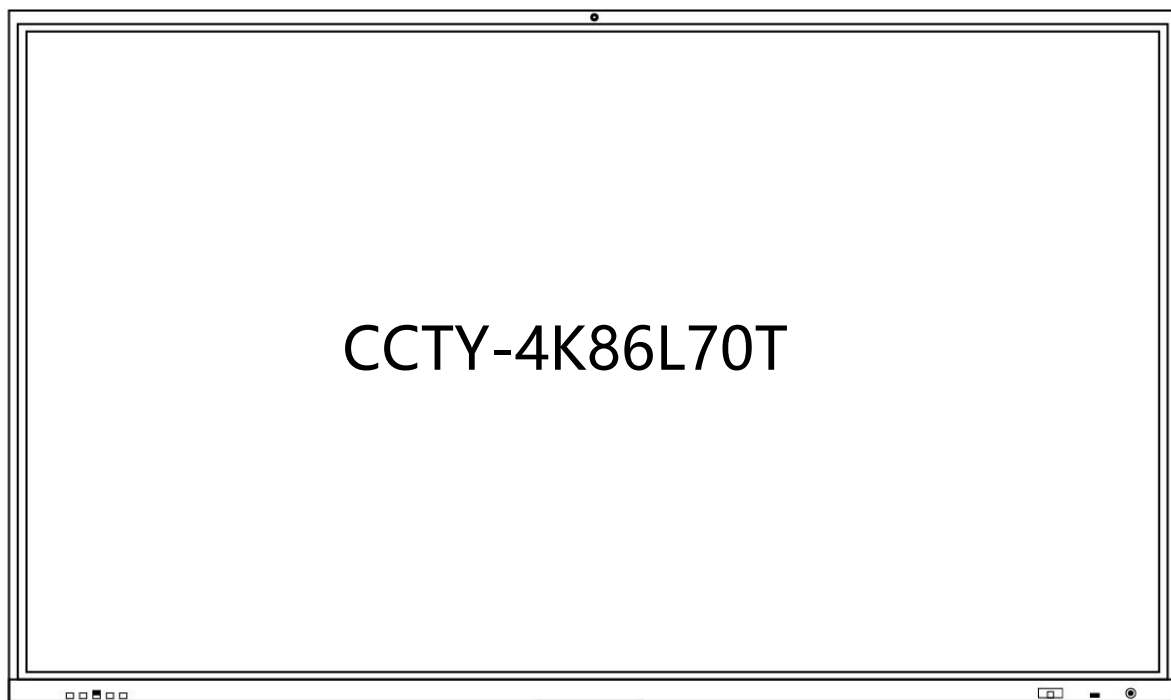


HUAYIVIEW 技术类文件

《HUAYIVIEW液晶电子白板CCTY-4K86L70T技术规格书》



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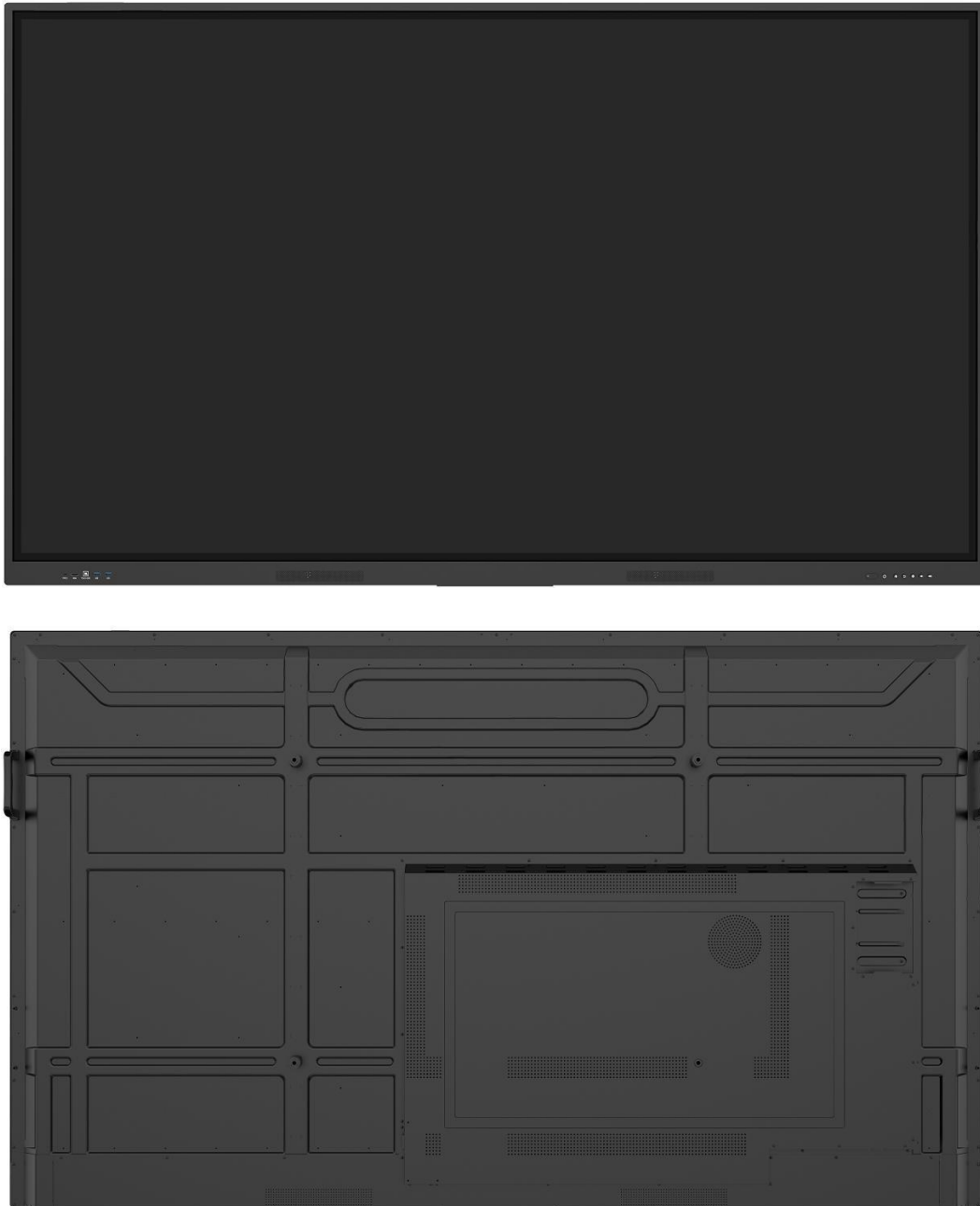
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1 适用范围(Scope)

本规格书适用我司生产的 86 寸液晶电子白板：CCTY-4K86L70T。
(This specification applies to 86 inch LCD whiteboard: CCTY-4K86L70T.)

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)

- ◆ 钢化玻璃与屏幕之间的距离接近 0，有效防止光线反射，显示效果绝佳，书写体验优异。(The distance between the tempered glass and the screen is close to 0, which preventing the reflection of light effectively, showing excellent effect and excellent writing experience.)
- ◆ 高精度触摸，支持 2.0mm 精细识别，支持 6 支 2.8mm 同时书写。
(High accuracy touch screen, supporting 1 point 2.0mm precision writing and 6 points 2.8mm simultaneous writing.)
- ◆ 最低 3.0mm 书写高度，书写体验更加流畅。
(Writing height below 3.0mm to bring smoother writing experience.)
- ◆ 全通道批注，带 Android 书写软件。
(All-channel annotating, built-in Android writing software.)
- ◆ 智能侧边栏菜单。(Smart sidebar menu.)
- ◆ 自带 Android 系统，可选配插拔式 OPS 电脑。
(Built-in Android system and optional with OPS computer module.)
- ◆ 双 LAN 口桥接，支持 Android 系统、OPS(Windows 系统)和外置 PC 多系统网络桥接。
(Double LAN bridging, supporting Android, OPS (Windows system) and external PC realize network bridging.)
- ◆ 前置 Public USB 接口自动跟随。(Public USB port auto switch.)
- ◆ 隐藏式内置天线。(Antenna hidden inside.)
- ◆ 全通道 HDMI 同屏输出。(选配)
(All channel can be same screen-outed by HDMI.) (Optional)
- ◆ 自带锁屏功能。(Screen lock.)
- ◆ 前置 Type-C 接口。(Front Type-C port.)
- ◆ 4K UI 显示(4K UI display.)

UI display.)

4 产品规格(Specification)

	项目(Item)	参数(Parameter)
显示参数 (Display)	LCD 尺寸(Size)	85.6"
	背光类型(Backlight Type)	D-LED
	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)	0.4935(H)x0.4935(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)	68%
	可视面积(View Area)(mm)	1895.04(H)x1065.96(V)
	色彩度(Display Colors)	1.07B(10bit)
电气参数 (Electrical)	主芯片(Chipset)	T982
	CPU	架构(Architecture)
		工 作 主 频 (Working
		核心数(Core)
	GPU	Mali-G52 MP2 (2EE)
	内部缓存容量(RAM)	4GB DDR4
	内部存储容量(ROM)	标配 16GB (Standard: 16GB), 选配 32GB(Optional: 32GB)
	系统版本(OS)	Android 13.0
	电压(Power Requirements)	AC 200V ~ 240 V, 50/60 Hz
		AC 100V ~ 240 V, 50/60 Hz (optional)
	最大功率(不带 OPS) (Power Consumption Without OPS)	380W
	待机功率(Standby Condition)	<0.5W
	最大伴音功率(Audio Output Power)	2x15W/8Ω
	OPS 电源(OPS Power)	DC 18V/5A

主板接口 (Interface)	HDMI IN	x2	Version: HDMI2.1 Up to 3840x2160@60Hz HDMI1&HDMI2 Support CEC HDMI1 support ARC function
	DP IN(Optional)	x1	Version: DP1.2a Up to 3840x2160@60Hz
	HDMI OUT(Optional)	x1	All signal can be loop-outed Max Resolution: 3840x2160@60Hz Version : HDMI2.0
	USB2.0	x1	Support images, music, video file, Playback,only can use this USB port to upgrade. Interface:USB2.0 Type-A
	USB3.0	x1	Support images, music, video file playback.Upgrade are not supported Interface: USB3.0 Type-A
	Touch-USB	x1	Touch interface for HDMI1 Interface: USB2.0 Type-B
	Touch-USB	x1	Touch interface for HDMI2 Interface: USB2.0 Type-B
	Touch-USB(Optional)	x1	Touch interface for DP Interface: USB2.0 Type-B
	LAN	x2	10M/100M/1000M Base-T Support internet switch, to OPS(10M/100M/1000M), to Android(10M/100M/1000M) Interface: RJ45
	MIC IN	x1	Can Mix the MIC input and other input source to SPK OUT Interface: Φ3.5mm mini interface
	RS232 IN	x1	Interface: DB9
	SPDIF OUT	x1	Max speed: 16Mbps Interface: Optical
	Audio OUT	x1	Output level: 110±40mVrms (@500mVrms,1KHZ) Interface: Φ3.5mm mini interface
前置接口 (Front Interface)	Type-C	x1	Power output: 15W(5V/3A) Up to 3840x2160@60Hz Support DRP mode Interface: Type-C
	USB	x2	Version: USB3.0 Interface: Type-A
	Touch-USB	x1	Touch interface for HDMI Interface:USB2.0 Type-B
	HDMI IN	x1	Version: HDMI2.0 Up to 3840x2160@60Hz
WIFI 标配	主芯片(Main Chipset)		Mediatek MT7663BU
	频段(Operating Frequency)		2.4GHz/5GHz
	Wi-Fi 标准(Wi-Fi Standard)		802.11a/b/g/n/ac
	蓝牙(Bluetooth)		2.1+EDR/4.2/5.1

双 WIFI (Dual WiFi) 选配 (optional)	主芯片(Main Chipset)	Mediatek MT7663BU+Realtek RTL8822BU
	频段(Operating Frequency)	2.4GHz/5GHz
	Wi-Fi 标准(Wi-Fi Standard)	802.11a/b/g/n/ac
	蓝牙(Bluetooth)	2.1+EDR/4.2/5.1
触摸参数 (Touch)	触摸规格(Sensing Type)	红外触摸框(Infrared Touch Frame)
	玻璃规格(Surface Protection)	3.2mm 钢化玻璃 (3.2mm Toughened Glass)
	最大输出点数(Infrared Touch)	40点(40 Points)
	插值分辨率 (Interpolation Resolution)	32768 x32768
	触摸精度(Touch Accuracy)	中间90%触摸区域为?mm(?mm)
	响应时间(Response Time)	≤5ms
	输出形式(Output Mode)	HID 标准(HID Standard)
	理论点击次数(Theory Clicks)	无限次(Unlimited)
	触摸直径(Minimum Touch Object)	单点≥2.0mm(Single touch ≥2.0mm)
		多点≥2.8mm(Multiple touch ≥2.8mm)
	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)	≤2W
	Windows 11/10/8/7,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(W x D x H) (Product Size(W x D x H))	1961.8mmx87.7mmx1169.9mm
	包装尺寸(W x D x H) (Package Size(W x D x H))	2095mm×185mm×1265mm
	外壳材料(面框/后壳) (Housing Material)	铝型材/钣金(Aluminum/Metal plate)
	外壳颜色(面框/后壳)(Housing Color)	黑色/黑色(Black/Black)
	壁挂孔位(VESA)	4-M8 螺丝孔 800mmx600mm (4-M8 Screw Hole 800mmx600mm)

阵列 麦克风 参数 (Array Mic)	阵列麦数量(Array quantity)	8-mic
	拾音范围(Pick up Area)	8m (Angle: 45°~135°)
	回声消除(AEC)	支持(support)
	自动增益(AGC)	支持(support)
	语音增强(Speech enhancement)	支持(support)
	稳态噪声抑制能力 (Steady-state noise suppression capability)	20dB
	灵敏度(sensitivity)	- 26(dB,dBFS@1kHz 1Pa)
	信号输出形式(output signal)	USB 信号输出(USB output)
触摸参数 (Touch)	触摸规格(Sensing Type)	红外触摸框(Infrared Touch Frame)
	玻璃规格(Surface Protection)	3.2mm 钢化玻璃(3.2mm Toughened Glass)
	最大输出点数(Infrared Touch)	40点(40 Points)
	插值分辨率 (Interpolation)	32768 x32768
	触摸精度(Touch Accuracy)	中间90%触摸区域为?mm(?mm)
	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)
	触摸直径 (Minimum Touch Object)	单点≥1.6mm(Single touch ≥1.6mm) 多点≥2mm(Multiple touch ≥2mm)
	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)	≤2W
	Windows 10/8/7,Android	支持多点(Multiple Touch)
结构参数 (Structure)	裸机外形尺寸 (W x D x H) [Product Size (W x D x H)]	1961.8mm x105.6mm x1207.7mm
	边框尺寸 (U/D/L/R)	U:43mm , L/R:15.2mm , D:56mm
	包装尺寸(WxDxH) (Package Size(W x D x H))	2160mm x225mm x1310mm
	外壳材料(面框/后壳) (Housing Material)	铝型材/钣金 (Aluminum/Metal plate)
	外壳颜色(面框/后壳) (Housing Color)	黑色&深枪色/黑色(Black&Dark pewter /Black)
	壁挂孔位(VESA)	4-M8 螺丝孔 800mmx600mm (4-M8 Screw Hole 800mmx600mm)

5 附件(Accessories)

附件(Accessories)	数量(Quantity)
触摸笔(Touch Pen)	x2
遥控器(Remote Control)	x1
3m 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
壁挂件(Wall Mount)	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 x 7天。 (The longest service time 18 Hours×7 days.)

7 免责声明(Disclaimer)

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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.

The packaging materials for this product are designed in strict accordance with the storage conditions of this product. Abnormalities caused by extreme weather and long storage time cannot be guaranteed to be completely avoided. Please be informed. Please store in strict accordance with the required storage conditions. Improper storage may cause abnormalities.

In case of any situation involving the above modification and update, no prior notice will be given.



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