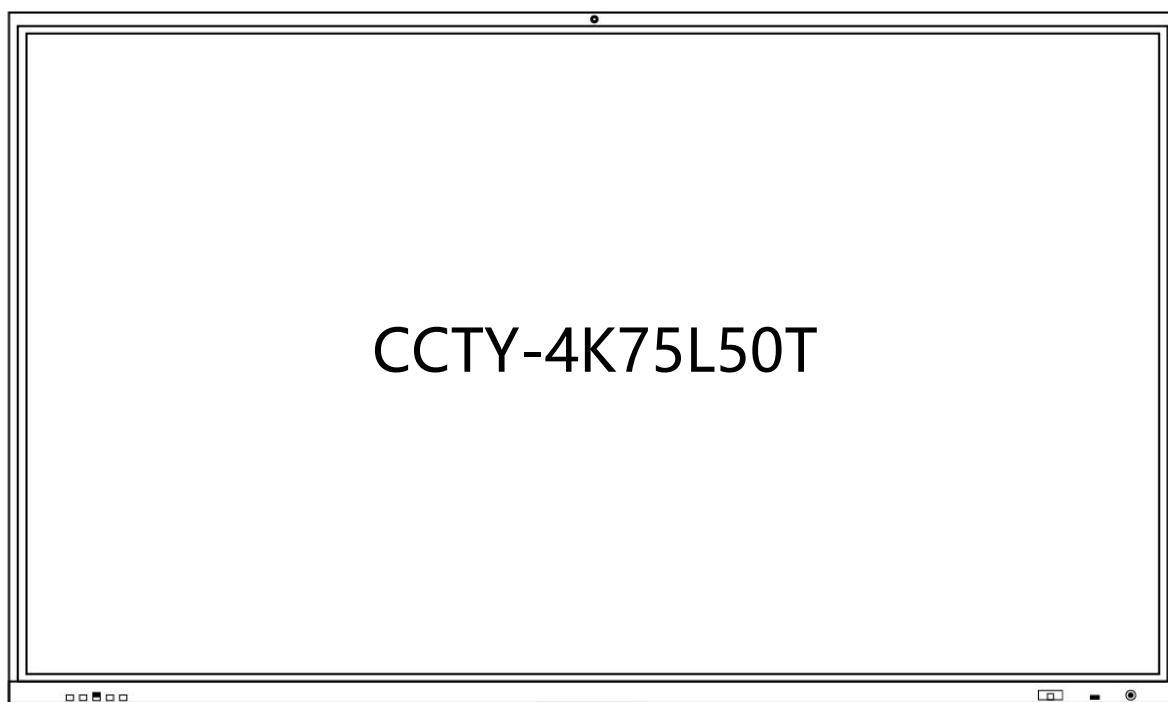


HUAYIVIEW 技术类文件

《HUAYIVIEW液晶电子白板CCTY-4K75L50T技术规格书》



吉林同益光电科技有限公司 <http://www.ccty.cn>

服务热线：400-686-5775

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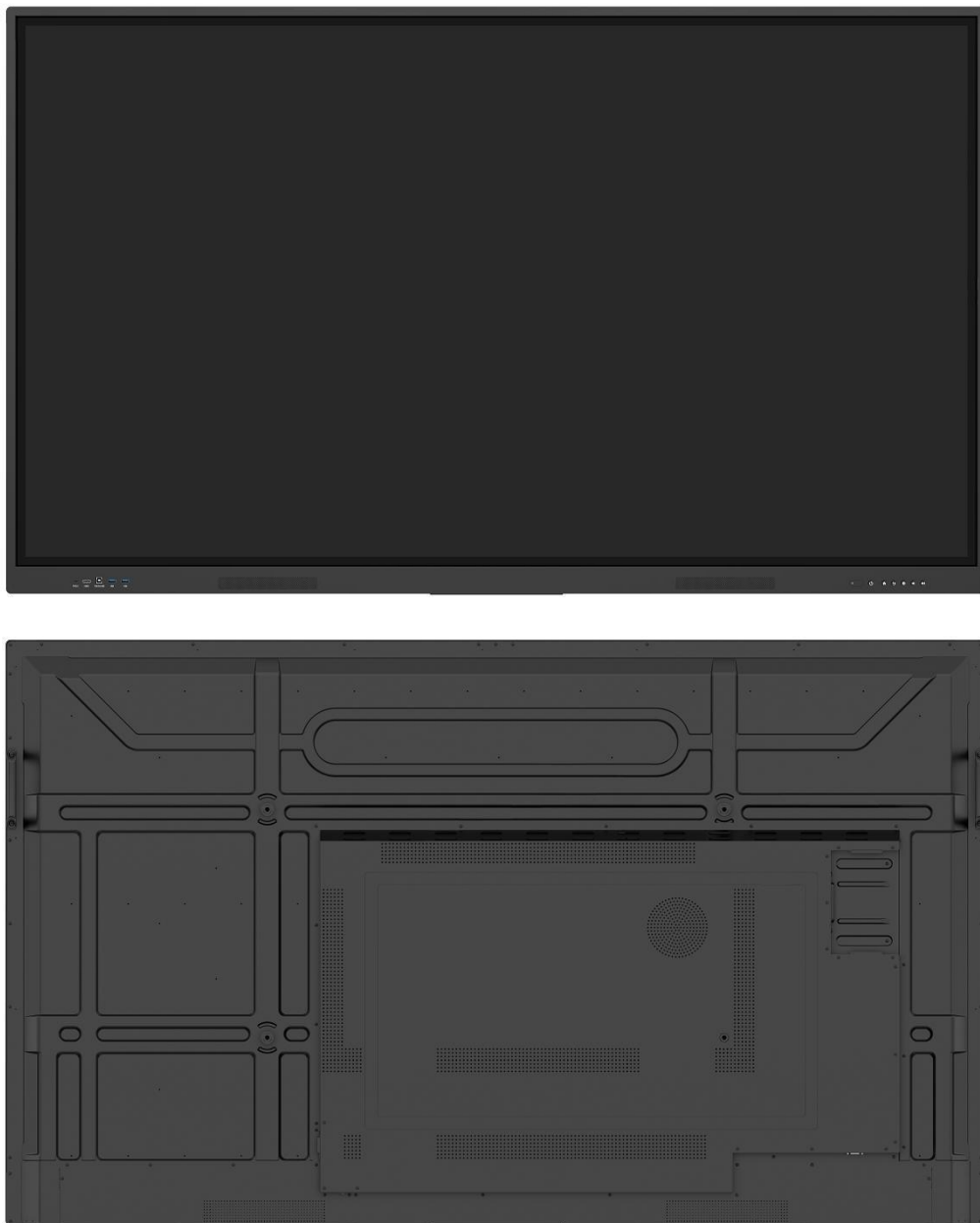
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1 适用范围(Scope)

本规格书适用我司生产的 75 寸液晶电子白板：CCTY-4K75L50T。
(This specification applies to 75 inch LCD whiteboard: CCTY-4K75L50T.)

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.)

4 产品规格(Specification)

	项目(Item)		参数(Parameter)
显示参数 (Display)	LCD 尺寸(Size)		74.52"
	背光类型(Backlight Type)		D-LED
	分辨率(Resolution)(pixels)		3840x2160(pixels)
	亮度(Brightness)	350cd/m²(min.)	
		400cd/m²(typ.)	
	对比度(Contrast Ratio)		1200:1(typ.)
	响应时间(Response Time)		8ms (typ.)
	像素点距(Pixel Pitch)(mm)		0.4296(H)x0.4296(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)		72%
	可视面积(View Area)(mm)		1649.664(H)x927.936(V)
电气参数 (Electrical)	主芯片(Chipset)		T982
	CPU	架构(Architecture)	Cortex-A55
		工作主频 (Working Frequency)	Max 1.8GHz
		核心数(Core)	四核(Quad 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)		300W
	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	×2	Version: HDMI2.1 Up to 3840x2160@60Hz HDMI1&HDMI2 Support CEC HDMI1 support ARC function
	DP IN	×1	Version: DP1.2a Up to 3840x2160@60Hz
	HDMI OUT (Optional)	×1	All signal can be loop-outed Max Resolution: 3840x2160@60Hz Version: HDMI2.0
	USB2.0	×1	Support images, music, video file, Playback,only can use this USB port to upgrade. Interface:USB2.0 Type-A
	USB3.0	×1	Support images, music, video file playback.Upgrade are not supported Interface: USB3.0 Type-A
	Touch-USB	×1	Touch interface for HDMI1 Interface: USB2.0 Type-B
	Touch-USB	×1	Touch interface for HDMI2 Interface: USB2.0 Type-B
	Touch-USB (Optional)	×1	Touch interface for DP Interface: USB2.0 Type-B
	LAN	×2	10M/100M/1000M Base-T Support internet switch, to OPS(10M/100M/1000M), to Android(10M/100M/1000M) Interface: RJ45
	MIC IN	×1	Can Mix the MIC input and other input source to SPK OUT Interface: Φ3.5mm mini interface
	RS232 IN	×1	Interface: DB9
	SPDIF OUT	×1	Max speed: 16Mbps Interface: Optical
	Audio OUT	×1	Output level: 110±40mVrms (@500mVrms,1KHZ) Interface: Φ3.5mm mini interface
	Type-C	×1	Power output: 15W(5V/3A) Up to 3840x2160@60Hz Support DRP mode Interface: Type-C
前置接口 (Front Interface)	USB	×2	Version: USB3.0 Interface: Type-A
	Touch-USB	×1	Touch interface for HDMI Interface:USB2.0 Type-B
	HDMI IN	×1	Version: HDMI2.0 Up to 3840x2160@60Hz

WIFI标配 (standard configuration)	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
	主芯片(Main Chipset)	Mediatek MT7663BU
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 1/10/8/7,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))	1716.5mmx86.9mmx1031.8mm
	包装尺寸(W x D x H) (Package Size(W x D x H))	1860mm×185mm×1125mm
	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 800mmx400mm (4-M8 Screw Hole 800mmx400mm)

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? 天。 (The longest service time 18 Hours×7 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。

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。 如遇有涉及到上述修改及更新的情形, 恕不另行通知。

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 referto 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.

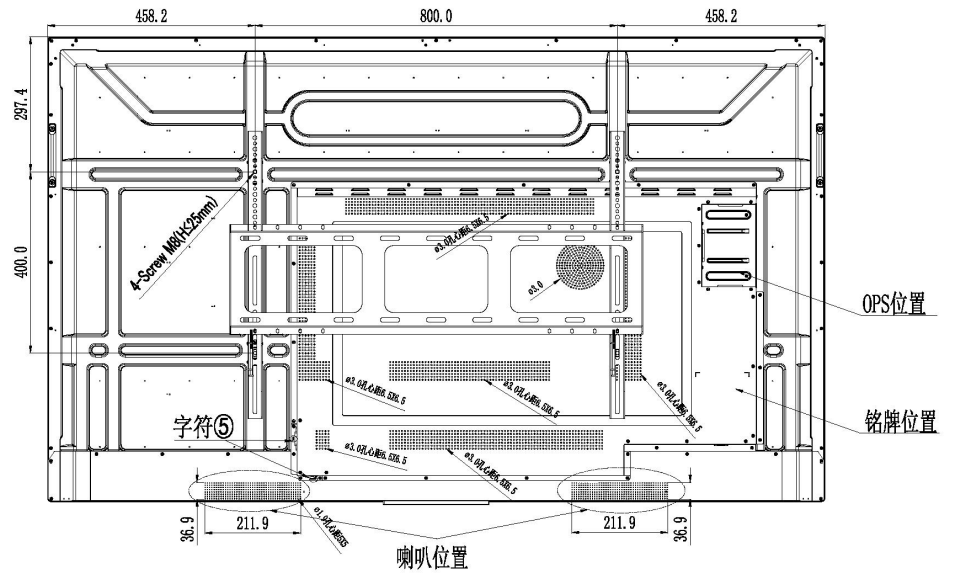
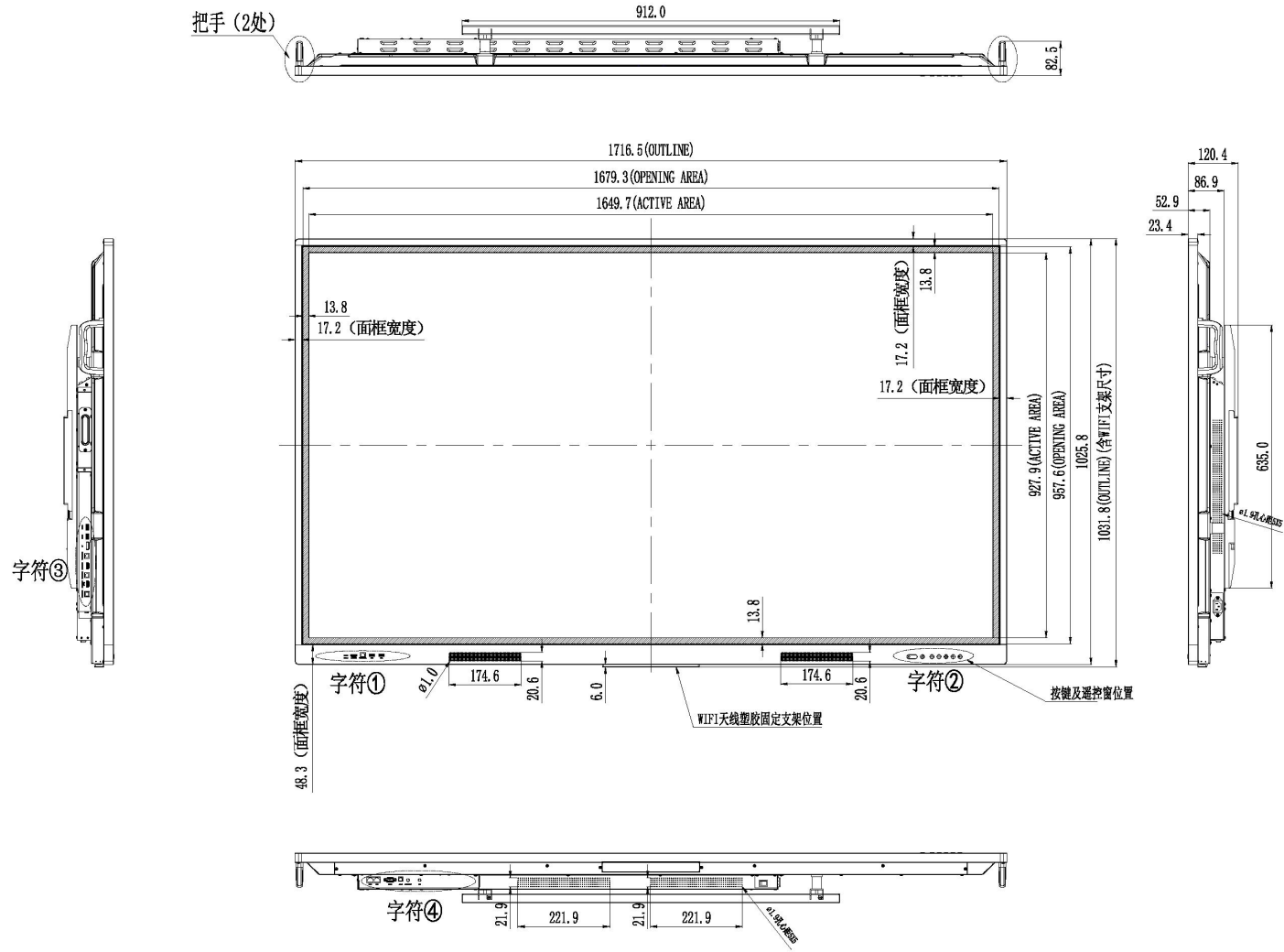
In case of any situation involving the above modification and update, no prior notice will be given.



注意：HDMI、HDMI高清晰度多媒体接口以及 HDMI 标志是 HDMI Licensing Administrator, Inc. 在美国和其他国家的商标或注册商标。

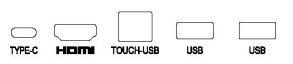
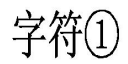
NOTICE: The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

版本号	日期	位置	变更内容	变更者	审核者
V1	2023.06.14		初版发行	赵春东	王忠海

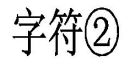


工艺说明:

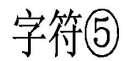
- 1、面框:材质为铝合金,型材表面黑色喷砂氧化处理;
- 2、塑胶按键:黑色蚀纹+镭雕;
- 3、上/下后壳 :为SGCC材质, 黑色喷粉;
- 4、IO挡板:材质为SGCC, 黑色喷涂细粉, 字体Arial, 丝印白色。
- 5、把手: 材质为ABS, 黑色蚀纹;
- 6、产品形态以最终量产整机为准。



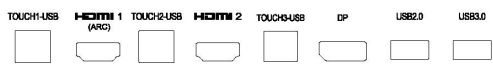
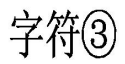
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比例： 6： 1



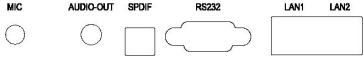
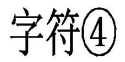
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字体：Arial
比例：6：1



工艺: 丝印
颜色: 白色
字体: Arial
比例: 6:1



工艺: 油墨丝印
颜色: 白色
字体: Arial
比例: 6:1



工艺: 油墨丝印
颜色: 白色
字体: Arial
比例: 6:1

CCTY-4K75L50T整机六视图
(带壁挂)

HUAYIiVIEW 华益视界

料号		材 质				
图号						
批 准	王 楠	日 期	2023.06.14			
审 核	王忠海	Q'TY	UNIT	SCALE	SHEET	REV.
绘 图	赵春东	1	mm	1: 1	1/1	V1