

75inch Interactive Flat Panel

TRI-LCD-Y75-UHD1-T

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Features :

- The appearance design of the Interactive Flat Panel adopts two-color matching, the front panel is embedded with double pen slots, and the front is embedded with various interfaces.
- The Interactive Flat Panel adopts UHD 4K screen. The display is clearer, and the screen refresh rate is 60~120Hz.
- The Interactive Flat Panel adopts 50-point infrared touch, which makes the appearance more concise, the performance more stable, and the writing faster and more accurate.
- The bottom of the Interactive Flat Panel is embedded with dual-channel high-power stereo to ensure the output tone quality is clear and loud.
- When the system is in standby state, it will automatically wake up when HDMI input signal.
- The system adopts Windows + Android dual system intelligent interoperability, one-click switching of signal sources, and automatic identification of input signal sources.
- The system has the function of automatically adjusting the brightness of the display screen to meet the needs of various scenarios.
- The system has the function of gesture recognition: writing with one finger, moving with two fingers, holding the screen with three fingers, and erasing with five fingers.
- Interactive Flat Panel is energy-saving and environmentally friendly: one-click energy-saving mode, automatic standby without operation, and automatic standby when the blackboard is turned off.



Product features

Whiteboard writing

Writing software, supports 50-point writing and single-point writing, more color and background switching, supports whiteboard recording, multiple ways to save, gesture wipe, circle drag, copy or delete, insert pictures, add pages and other functions. Annotations are supported.

- The glass is made of fully tempered glass (AG anti-glare tempered glass) with a Mohs hardness of 7, which is safe and secure.

Smart Touch

- Arc-shaped four-equilateral simple appearance, 50-point touch, high sensitivity, smoother writing.
- Drag and sort all applications, long-press to uninstall, and one-click clearing of open applications from the recent taskbar, which is convenient and quick to manage applications.

Conference function

- Built-in office software, welcome interface and other efficient meeting software.
- Built-in 2.4G/5.8G dual-band, dual network card, support simultaneous use of wireless Internet access and WIFI hotspot.
- Support wireless same screen, multi-split screen function on the same screen (support
- Android, Windows), support simultaneous screen projection of multiple devices and
- automatic identification and jump of external input signal sources, and screen switching is
- easy and convenient.

Machine function

- High-definition image processing engine: image motion compensation (HDR), color enhancement processing, point-to-point display technology.
- Smart sleep, touch screen wake-up, one-click energy saving, environmental protection and energy saving, prolong service life. ☑ Support one-click eye protection and one-click anti-blue light function.
- Built-in reserved OPS interface, expandable dual system (Windows/Android dual system).
- Sidebar buttons, gesture calling methods and touch control switches can be freely switched, making it more convenient to use.

TRI-LCD-Y75-UHD1-T

Technical specifications

Parameter	Project	Value
Appearance	Case	Aluminum profile side frame + tempered glass + cold rolled steel plate
	Color	Gun Metal
	Body size	1705×1017×81.4mm
	Display area	1649.66(H)×927.37(V)mm
	Protective panel	4mm anti-glare tempered glass
	Installation method	Wall mounted & Mobile stand
LCD panel	Size	75inch
	Screen ratio	16:9
	Panel brand	BOE / CSOT / AUO
	Display color	1.07B(8-bit+FRC)
	Resolution	3840*2160
	Refresh rate	60Hz
	Brightness	≥450cd/m2
	Viewing angle	178° / 178° (Typ.)
	Contrast	1200 : 1 (Typ.) [Transmission]
	Response time	≤8 ms
	Backlight life	50K Hours
Usage environment	Working temperature	0~40°C
	Storage temperature	-20~60°C
	Working humidity	40%~90%RH
	Storage humidity	10%~90%RH
System	CPU	RK6780 V100 (8 Core Cortex A55)
	CPU Clock Speed	1.5G Arm Mali-G52 MP2
	Memory	DDR4 8G
	Built-in storage capacity	EMMC 128G
	operating system	Android 14
Basic plan	network	Support Ethernet (Gigabit Ethernet port) Support Wi-Fi 2.4G+5G+Bluetooth
	Front interface	HDMI IN *1 USB 2.0*2 TYPE-C*1 (USB Function) TP USB *1 IR Sensor*1 LP *1 (Light Sense) Power *1

For the most current specification information, please visit tri-star.co.in

Parameter	Project	Value
	Motherboard side interface	HDMI IN *2 HDMI OUT*1 USB 3.0*1 USB 2.0*1 Touch USB *1 RJ45*1 RS232*1 SPDIF OUT*1 Earphone *1 VGA*1 VGA Audio In *1 AV IN *1 AV OUT *1 YPbPrIn *1 TF card *1
Infrared touch screen	Touch type	Infrared touch
	Touch points	50 points(Android); 50 points (Windows)
	Touch accuracy	±1mm
	Touch height sensitivity	≤1.5mm
	Interpolation resolution	32767(W)x32767(D)
	Response time	8ms
	Identifiable objects	Fingers or touch pen
	Transparency	≥85%
	Temperature range	Working temperature: -10°C~60°C
	Operating Voltage	DC 5V
	Working power consumption	1W~5W
Power supply	Power input	AC100V-240V/50-60HZ
	Built-in speakers	20W*2
	Total power	≤260W
	Standby power	≤0.5W
Basic software functions	Supported video formats: H263, H264, H265, MPEG2, MPEG4, VC1, VP6, VP8, VP9, MJPEG, AVS, AVS+, AVS2, etc.	
	Supported audio formats: MP3, MAV, AAC, AC3, EAV3, VORBIS, FLAC,APE,TRUEHD,DTS,DTSHD	
	Supported image formats: JPEG, PNG , GIF, BMP	
	Language support : Simplified Chinese, English, etc	

Parameter	Project	Value
	Support 4K UHD (QFHD/3840x2160)	
	Boot logo, boot animation Infrared touch	
	The system interface adopts the classic mode by default (the arrangement order is temporarily in the order of the reference picture below) 50 points(Android); 50 points (Windows)	
	System pre-installed software: basic software such as WPS, video player,etc	
	Function characteristic	Power Operation : Supports Low Power Mode;Standy Mode Can be used as the original ecological Android system, open root permissions Support Bluetooth 5.1 module
Package	Net weight	≤48Kg
	Gross weight	≤ 59Kg
	Bare metal size	1705×1017×81.4mm (L*H*D)
	Package size	1875*225*1205mm(L*W*H)
After-sales service	One-year free warranty, lifetime maintenance. 3 years warranty is optional	
Optional Accessories	Screen projector: Wireless screen projector 2.4GHz/5GHz	
	OPS: Built-in reserved OPS interface, expandable dual system	
	Infrared touch pen: touch pen aluminum material with magnet black tip	
	Mobile Stand: 65-86 Neutral Black Mobile Stand	
	Software functions: conference whiteboard software, video call APP	
manual	Including operating instructions, installation instructions	