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# Multi-Touch IRHS10E Series G2021

## Features

Optionally customizable 10-32 touch points;

Easy to transport by detachable structure, Seamless connection structure, beautiful appearance and high installation efficiency

The height limit is less than 5m. There is no blind spot within the full screen length of 8m, and there are 10~20cm blind spots in the left and right areas with a screen length of more than 8m, and the longest is not more than 17m;

Support pre-maintenance: directly replace the PCBA light board without dismantling the structure, and replace the core components at a low cost;

The single point response time is less than 10 milliseconds, and the writing on the screen is smooth;

The touch frame with the emitting diode is installed on the down edge of the screen, and the touch frame has high light resistance, which is suitable for outdoor use;

Debugging detection efficiency is high with intelligent diagnostic software;

Provide 3D visual installation video to reduce the cost of installation;

It can realize 1 touch frame to multiple hosts or 1 touch frame to connect multiple displays with QC-SUSB module, mainly used in splice liquid crystal display.

In one touch frame area, a host uses with multiple displays of extended mode, each display supports touch (non-simultaneous), up to 64 channels;, and supports up to 64 channels;

A touch frame area contains multiple monitors of different hosts, each host can be touched at the same time without interfering with each other, and supports up to 32 channels;

In one touch frame area, touch can be working with multiple displays of different hosts or expand multiple displays of one host ,or in combination;

Provide a secondary development kit interface to communicate with the matrix, splicing processor, and other central controllers, which can realize touch synchronization with the addition of signal sources, switching, window opening, and roaming;

HID-compatible devices, no need to install third-party drivers in Window Xp, Windows 7, Windows 8, MAC OS, Linux, Android 4.0 or later;

Support TUIO protocol;

## Applications

Large size Electronic Whiteboard, Advertising Machine, Splice Liquid Crystal Display , Interactive Digital Showroom, Information Machine, Touch wall

## Specifications

尺寸 (Size)	(Standard)	
	(Customize)	>32"
detectable touch points	10~32 points	
Glass	Non	
Frame Color	Black	
Frame Thickness	12mm	
Power Supply	Run freely	<400mA, 4.5V ~ 5.5V
	Sleep	<150mA, 4.5V ~ 5.5V
Interface(Optional)	USB Series A	USB2.0 (Full speed). Compatible with USB 1.1 port. HID Compatible. Plug and play Compatible.
	Com	Baud: 115200 bit/s
OS	Windows 2000, Windows Xp, Windows Vista, windows 7 or later , Linux, Mac OS , Android	
Warranty	1 year	
Construction	PCBA, Aluminum, Infrared filter	
Assemble	Easy assemble	
Touch Method	Finger, gloved hand, unclear-water pointer. Center area: Stylus minimum 6mm tip. marginal area(<2.0 cm): Stylus minimum 8mm tip.	
Touch Accuracy	<2mm	
Touch Durability	Unlimited	
Touch Activation Force	No pressure required	
Report Resolution	32767*32767	
Touch Response time	Single touch Less than 5 meters in length <20 ms	
Light Resistance	The side of touch frame with the receiver diode < 10000Lux The side of touch frame with the emitting diode is installed on the down edge of the screen, and the touch frame has high light resistance, which is suitable for outdoor use	
Front Maintenance	supported	
Static split screen mode	In one touch frame area, a host uses with multiple displays of extended mode,	

	<p>each display supports touch (non-simultaneous), up to 64 channels,, and supports up to 64 channels;</p> <p>A touch frame area contains multiple monitors of different hosts, each host can be touched at the same time without interfering with each other, and supports up to 32 channels;</p> <p>In one touch frame area, touch can be working with multiple displays of different hosts or expand multiple displays of one host ,or in combination</p>
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Environment	<p>Operating Temperature -20 °C to 65°C</p> <p>Storage temperature: -30°C to 85°C</p> <p>Operating humidity:10% to 90% RH, non-condensing</p> <p>Storage humidity: 10% to 90% RH, non-condensing</p> <p>Electrostatic protection: Per EN61000-4-2 1995:level 4.contact discharge 8KV, air discharge 15 KV</p> <p>EMS: IEC61000-4-3: 2002 3V/m</p> <p>EMI: EN55022-2006 class B</p>
Software & Driver	<p>USB-Interface:</p> <p>HID-compatible devices, no need to install third-party drivers in Window Xp, Windows 7, Windows 8, MAC OS, Linux, Android 4.0 or later USB Driver required for Android /Linux/Mac OS</p> <p>COM-Interface:</p> <p>Optional</p> <p>Optional protocol, support for up to 5 conference tablet solutions</p>