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IR touch frame specifications



Touch function

Touch point	10 touch (20 touch is optional)
Size	18.5inch, 21inch, 25inch, 27inch, 32inch, 42inch, 47inch, 50inch, 55inch, 58inch, 65inch, 70inch, 84inch, 100inch, 120inch, 150 inch, 250" or other customized sizes
Resolution	4096x4096
Touch accuracy	+/- 0.1mm
Response time	8ms
Operation systems	Windows 32/64 bit XP, Vista, win7, win 8, win 10, win 11, Mac, Android, Linux
Identified objective	any opaque objects with diameter over 2.5mm

Performance

Operation method	plug and play
Touch method	finger touch and other opaque objects with diameter over 2.5mm
Touch times	unlimited
Touch activation force	no pressure request
Minimum touch object	2.5mm

Environmental specification

Temperature	operation temperature : -50°C ~ 65°C
	storage temperature: -60°C ~ 75°C
Humidity	operating humidity: 90% (noncondensing at max 40°C)
	storage humidity: 90% (noncondensing at max 40°C)
Working Environment	indoors or outdoors
Left time	>= 8 years

Electrical specification

Power requirements	typical value+5VDC, allow range: +4.75V ~ +5.25V
Power supply	USB, power ripple Max 200mV rms
Power consumption	<1.5W
Interface	USB
Ambient Light	direct sunlight 90°to ±30° to the display surface Touch detection can operational
	direct sunlight all angles to display surface Free of false touch reports
Sensor life time	>= 8 years