IR Frame Panel Specification

Part No.: SNT-IR-TFP-27

Product Description

1. High Accuracy Infrared touch frame, Resolution by interpolation algorithm to 4096(W)*4096(D)
2. Adapt to various application environments
3. Drive-free, plug and play

Major Technical Specifications

Frame Material	Aluminum
Color	Black
Upper Frame Width	See the attached Drawing
Bottom Frame Width	See the attached Drawing
Frame Thickness	See the attached Drawing
Cover Glass	Build-in 4mm Tempered Glass
Resolution	4096(W)*4096(D)
Response Time	≤15ms
Touch Accuracy	±2mm
Output format	Coordinate Output
Touch Times	Unlimited
Touch Activation Force	Non Minimum Activation Force
Ports Type	USB

4. Electronic Features

Power Supply	USB Power 1-2W(less than 200mA at DC 5V)
Voltage	DC+5V±5%

5. Environment Features

ITEM	Specs.
Temperature Scope	Operating Temperature: -10℃~50℃
	Warehousing Temperature: -20℃~60℃
Relative Humidity	Operating Humidity: 10%~ 85% RH, no condensation
	Warehousing Humidity: 10%~ 90% RH, no condensation
Light Resistance	With some level light resistance

6. Software Features

ITEM	Specs.
Touch Type	1-2 Points
OS Supported	Windows 7/8/10/Windows XP/Vista/Linux/Android

7. Reliability

ITEM	Testing Conditions	Judgement
High-temperature/High Humidity Operating	Temperature: 50℃ Humidity: 85% no condensation Working Continuous 24 Hours	Performs Normally
Low-temperature Operating	Temperature: -10℃ Working Continuous 24 Hours	Performs Normally
Low-temperature Warehousing	Temperature: -20℃ Working Continuous 24 Hours, 2 hours in Normal indoor Temperature	Performs Normally
High-temperature, High-Humidity Warehousing	Temperature: 60℃ Humidity: 90% no condensation Working Continuous 24 Hours, 2 hours in Normal indoor Temperature	Performs Normally
USB plug test	2000times each under windows 7 and windows XP	Performs Normally
System Restart	1000 times each under windows 7 and windows XP	Performs Normally
Basic Function	Signal and Line drawing and click	Performs Normally

8. Technical Drawing