

## INFRARED TOUCH SCREEN SPECIFICATION

SERIES \_\_\_\_\_ S Series \_\_\_\_\_

MODEL \_\_\_\_\_ STW50-W03GH2M10E-COM-OUT \_\_\_\_\_

EDITION \_\_\_\_\_ B0 \_\_\_\_\_

DATE \_\_\_\_\_ 2009.07.27 \_\_\_\_\_

DRAWN \_\_\_\_\_

CHECKED \_\_\_\_\_

APPROVED \_\_\_\_\_

CONFIRM \_\_\_\_\_

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## STW50-W03GH2M10E-COM-OUT

### 1. MECHANICAL

Housing	Aluminium alloy
Touch panle size (out line)	1165.0(W) ×682.0(D) ×11.8(H)mm
Actice area	1108.0(W)×625.0(D)mm
Net Weight	5.0Kg
Drawing	Refer to .Appendix 7.

### 2. TOUCH CHARACTERISTICS

Input Method	Finger or touch pen
Touch Activation Force	Non Minimum activation force
Position Accuracy	2mm
Resolution	4096(W) × 4096(D)
Response Time	Touch: 16ms
	Drawing : 16ms
Cursor Speed	120 dot/sec
Glass	3mm glass, Transparence : 92% ~ 100%
Optics Number	218(W)×123(D) pcs
Optics Cell Area	5.08(W)×9.00(D)mm <sup>2</sup>
Object Touch Size	≥ Ø5mm
Touch Intensity	Over 60 millions single touch

### 3. ELECTRICAL

Operating Voltage	DC 4.5V ~ DC 5.5V	
Power	2.5W (500mA at DC 5V)	
Anti -Static Discharge	Touch Discharge, Grade 2: Lab Vol 4KV	Standard B
	Air Discharge, Grade 3: Lab Vol 8KV	
Power Supply	DC 5V ,2A	

### 4. ENVIRONMENT

Temperature	operating: -10 °C ~ 50 °C
	storage: -30°C ~ 60 °C
Humidity	operating: 20% ~85%
	storage: 0%~95%
Relative Humidity	40 °C, 90% RH
Anti – glare Test	Incandescent lamp (220V,100W) , operating distance over 350mm
Altitude	3,000m
Interface	RS232(C)
Detection Method	Infrared rays
Seal Ability	IP65
Working Environment	Under sunlight ,indoor and outdoor
Application of Display	LCD、PDP

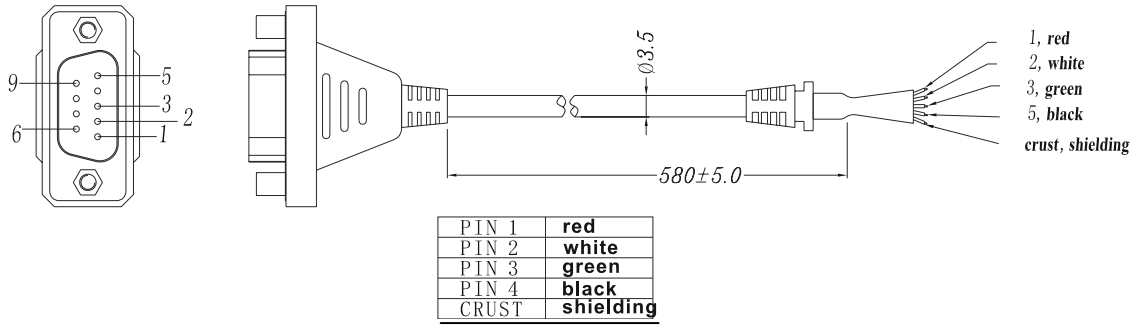
### 5. Software (Firmware)

Scanning	Auto full screen scanning
Touch Trigger	Drop,raise,move on plane
Output	Coordinate output

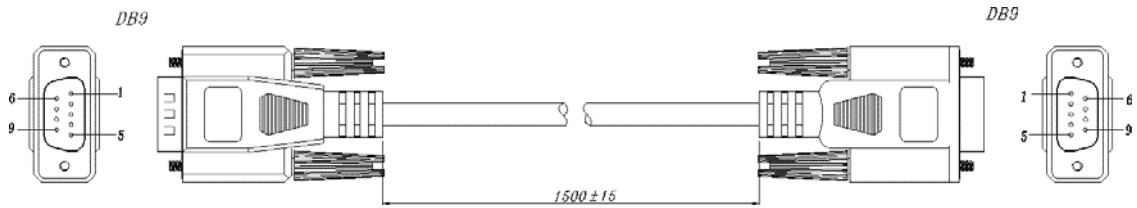
**6. Cable information**

**6.1 DB9 Cable**

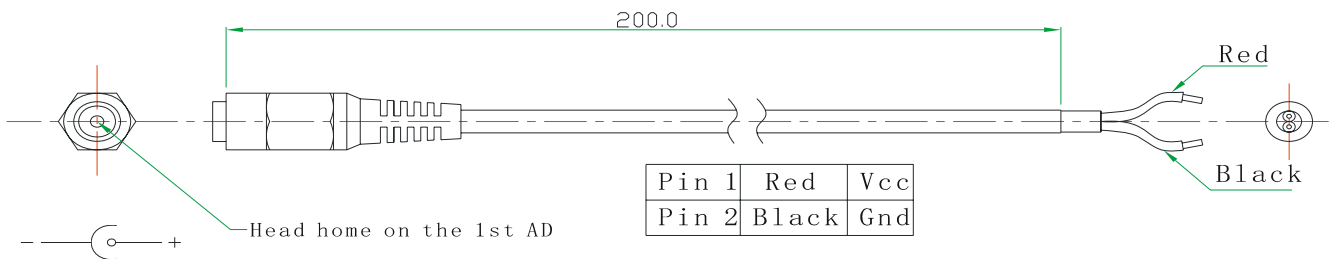
*DB9-M*



**6.2 DB9/M+ DB9/F interface cable**



**6.3 DC interface cable**



# 7. drawing

