

## **SCR4000 Resistive Controller**

### **Hardware Specifications**

<b>Power Requirements:</b>	5VDC (max. 100mA, typical 70mA, 50mV peak to peak max ripple)
<b>Operating Temperature:</b>	0 to 70 degrees Centigrade
<b>Storage Temperature:</b>	-65 to 150 degrees Centigrade
<b>Relative Humidity:</b>	95% at 60 degrees Centigrade
<b>Protocol:</b>	RS232: 9600 bauds, None parity, 8 data bits, 1 stop bit USB: USB 2.0 Full Speed
<b>Resolution:</b>	2048 x 2048
<b>Accuracy Tolerance:</b>	Max. +/- 0.5% tolerance
<b>Report Rate:</b>	RS232: Max. 160 points/sec USB: Max. 250 points/sec
<b>Response Time:</b>	Max. 20 ms
<b>Regulatory Approvals:</b>	FCC-B, CE
<b>Panel Resistance:</b>	5w 50 ~ 200 ohm (pin to pin on the same layer, touch resistance under 2k ohm) When both USB & RS232 cables connected to the PC at the same time, only USB will enable.

### **Software Features (TouchKit)**

<b>Calibration:</b>	Fast 4 point calibration
<b>Compensation:</b>	Accuracy 25 points linearity position Edge compensation
<b>Draw Test:</b>	Position and linearity verification
<b>Controller Setting:</b>	Supports multiple controllers Dynamically add/ remove controllers Change controller interface without reboot
<b>Languages:</b>	Supports 11 languages for Windows
<b>Mouse Emulator:</b>	Right/left button emulation Click/drawing mode
<b>Sound Notification:</b>	No Sound Touch down Touch up
<b>Double Click:</b>	Configurable double click speed Configurable double click area
<b>OS Support:</b>	Windows Vista/ XP/ 2000/ XP Server 2003 Windows 95/ 98/ ME/ NT4/ XP Tablet PC edition Windows CE 2.12/ 3.0/ .net (4.0, 5.0, 6.0) Linux (up to Kernel 2.6) MS-DOS: supports display resolutions: 320x200, 640x200, 640x350, 640x480 800x600, 1024x768 and 1280x1024 iMac 9.0/ OS X (Power PC, Intel CPU) QNX
<b>COM Port Support:</b>	Supports COM1~COM255 for Windows and Linux Supports COM1~COM8 for DOS
<b>Display Support:</b>	Supports monitor/ display rotation Supports multiple monitors Supports split monitor



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