

Resistive Controller (SE-E04R, SE-E04U, SE-E05R, SE-E05U)

Hardware Specifications

Power Requirements +5VDC (max. 100mA, typical 70mA, 50mV peak to peak max ripple)

Operating Temperature 0 to 70 degrees Centigrade

Storage Temperature -40 to 80 degrees Centigrade

Relative Humidity 95% at 60 degrees Centigrade

Protocol
1. RS232: 9600 bauds, None parity, 8 data bits, 1 stop bit
2. USB: USB 1.1 Low speed
3. PS/2: PS/2 mouse

Resolution 2048 x 2048

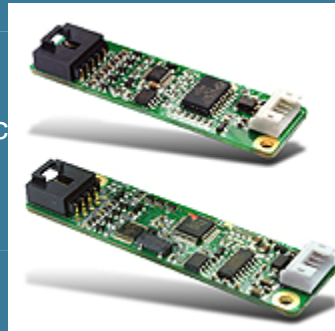
Accuracy Tolerance Max. +/- 0.5% tolerance

Report Rate
1. RS232: Max. 160 points/sec
2. USB: Max. 160 points/sec
3. PS2: Max. 140 points/sec

Response Time Max. 35 ms

Regulatory Approvals FCC-B, CE

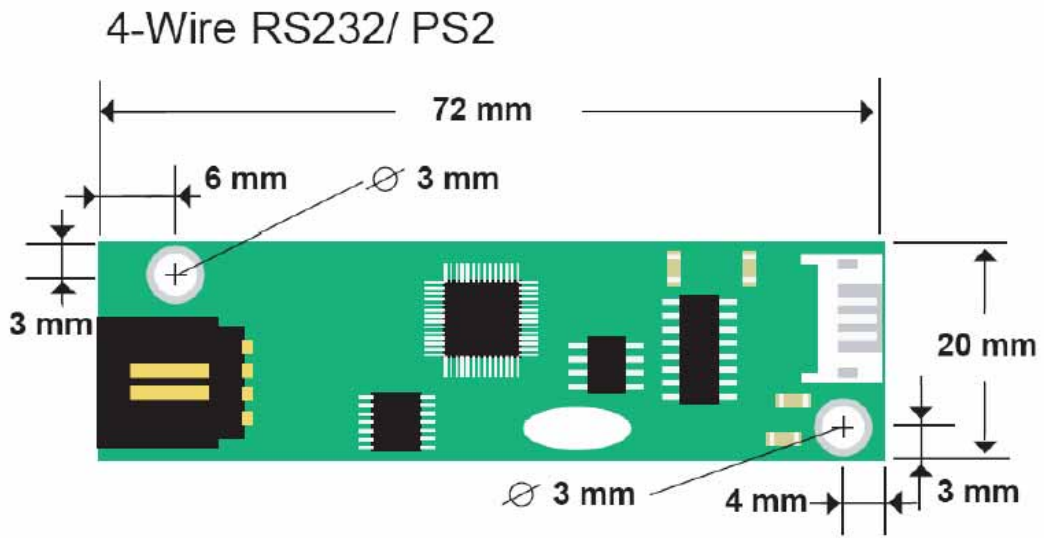
Panel Resistance	4w	200 ~ 900 ohm (pin to pin on the same layer)
	5w	50 ~ 900 ohm (pin to pin on the same layer, touch resistance under 2k ohm)



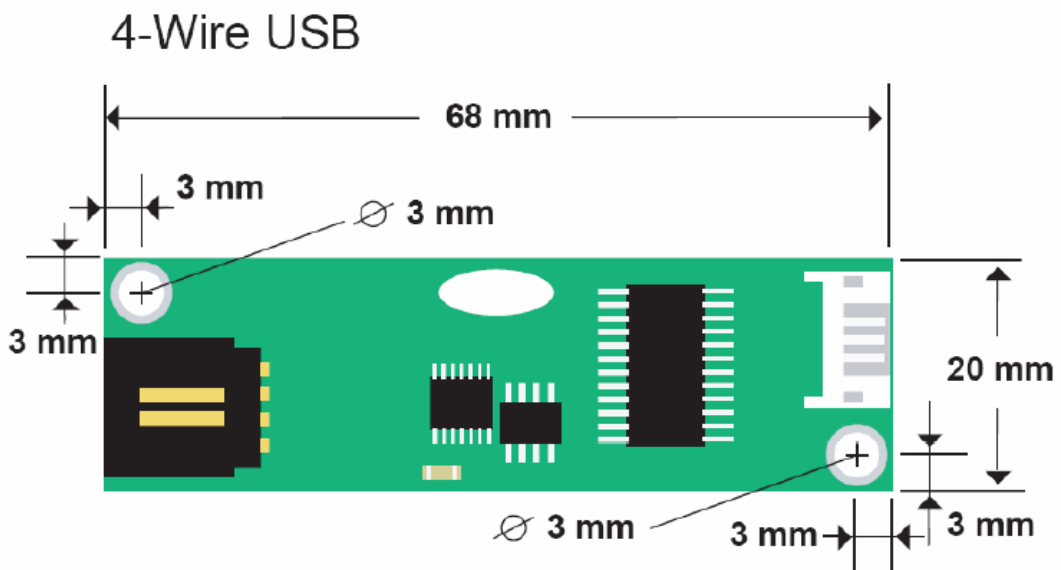
Software Features

Calibration	Fast Full oriental 4 points position
Compensation	<ol style="list-style-type: none">1. Accuracy 25 points linearity position2. Edge compensation
Draw Test	Position and linearity verification
Controller Setting	<ol style="list-style-type: none">1. Support multiple controllers2. Dynamical add/ remove controllers3. Change controller interface without reboot
Languages	Support 10 languages for Windows
Mouse Emulator	<ol style="list-style-type: none">1. Right/ left button emulation2. Click/ drawing mode
Sound Notification	<ol style="list-style-type: none">1. No sound2. Touch down3. Touch up
Double Click	<ol style="list-style-type: none">1. Configurable double click speed2. Configurable double click area
OS Support	<ol style="list-style-type: none">1.Windows 95/ 98/ ME/ NT4/ 2000/ XP/ XP Tablet PC edition2.Windows CE 2.12/ 3.0/ .net(4.0, 5.0)3.Linux (up to Kernel 2.6)4.MS-DOS: support display resolution: 320x200, 640x200, 640x350, 640x480, 800x600, 1024x768 and 1280x10245.Mac 9.0/ OS X (Power PC, Intel CPU)
COM Port Support	<ol style="list-style-type: none">1. Support COM1~COM256 for Windows and Linux2. Support COM1~COM8 for DOS
Display Support	<ol style="list-style-type: none">1. Support monitor/ display rotation2. Support multiple monitors3. Support split monitor

Diagrams



SE-E04R



SE-E04U