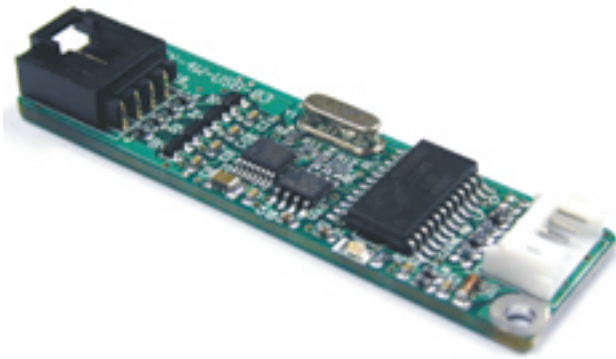
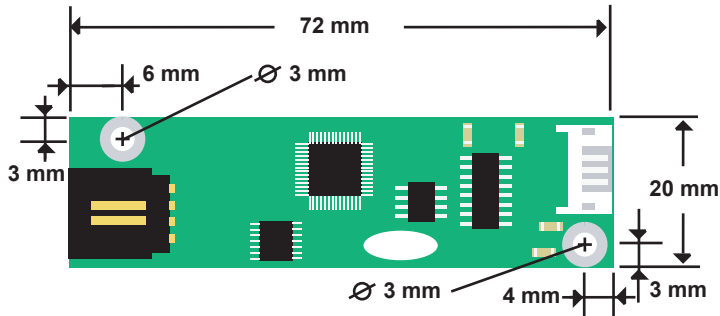


# TouchKit

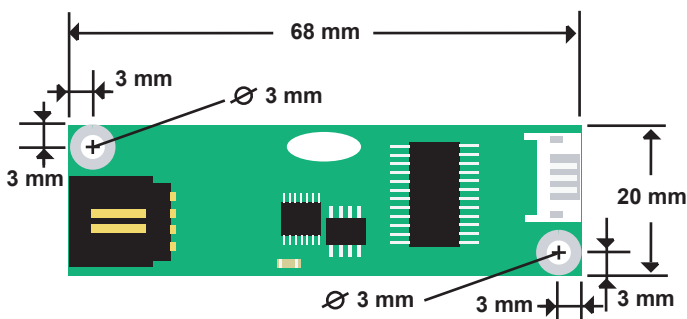
## Resistive Touch Panel Controller (4/ 5/ 6/ 8 wire panels supported)



### Dimensions



232/ PS2 Boards



USB Boards

### Hardware Specifications

Power Requirements	+5VDC (max. 100mA, typical 70mA, 50mV peak to peak max ripple )
Operating Temperature	0 °C to 50 °C
Storage Temperature	-40 °C to 80 °C
Relative Humidity	95% at 60 °C
Protocol	1. RS232 Model: 9600 bauds, None parity, 8 data bits, 1 stop bit 2. USB Model: USB 1.1 Low speed 3. PS/ 2 Model: PS/ 2 mouse
Resolution	2048 X 2048
Accuracy Tolerance	Max. +/- 0.5% tolerance
Report Rate	1. RS232 Model: Max. 160 points/sec 2. USB Model: Max. 160 points/sec 3. PS/ 2 Model: Max 140 points/sec
Response Time	Max. 35 ms
Regulatory Approvals	FCC-B, CE
Pin Out Definition	1. 4 wire Model: X, Y, X, Y 2. 5 wire Model: UL, UR, COM, LR, LL/UL, UR, COM, LL, LR 3. 8 wire Model: X+Ref, Y+Ref, X-Ref, Y-Ref, X+, Y+, X-, Y-
Panel Resistance	1. 4 wire Model: 200 ~ 900 ohm (pin to pin on the same layer) 2. 5 wire Model: 50 ~ 200 ohm (pin to pin on the same layer, touch resistance under 1.2k ohm) 3. 8 wire Model: 200 ~ 900 ohm (pin to pin on the same layer)

### Software Features

Calibration	Fast full oriental 4 points position
Compensation	1. Accuracy 25 points linearity compensation 2. Edge compensation
Draw Test	Position and linearity verification
Controller Setting	1. Support multiple controllers 2. Dynamical add/ remove controllers 3. Change controller interface without reboot
Languages	Support 10 languages for Windows
Mouse Emulator	1. Right/ left button emulation 2. Click/ drawing mode
Sound Notification	1. No sound 2. Touch down 3. Touch up
Double Click	1. Configurable double click speed 2. Configurable double click area
OS Support	1. Windows 95/ 98/ ME/ NT4/ 2000/ XP/ XP Tablet PC edition 2. Windows CE 2.12/ 3.0/ .net/ 5.0 3. Linux (up to Kernel 2.6) 4. MS-DOS: support display resolution: 320x200, 640x200, 640x350, 640x480, 800x600, 1024x768 and 1280x1024 5. iMac 9.0/ OS X
COM Port Support	1. Support COM1 ~ COM256 for Windows and Linux 2. Support COM1 ~ COM8 for DOS
Display Support	1. Support monitor/ display rotation 2. Support multiple monitors 3. Support split monitor