



# 8-Wire Touch Panel Controller

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## General Specifications

Circuit Board Dimension	21.5mm x 80mm (0.85" x 3.15")
Power Requirements	+5VDC (Max.100mA typical, 50mV peak to peak Max.)
Operating Temperature	-25 to 85 degrees Centigrade
Storage Temperature	-55 to 150 degrees Centigrade
Relative Humidity	95% at 60 degrees Centigrade
Interface	USB: 1.1 Full Speed (12 Mbps) Bi-directional RS-232 serial communication
Protocol	No parity, 8 data bits, 1 stop bit, 9600 baud(N,8,1,9600)
Resolution	2048 x 2048
Report rate	USB: Max. 200 points/sec RS232: Max. 160 points/sec
Response time	Max. 20 ms
Attached Cable	USB: 180cm shielded cable with USB-A connector RS232: 180cm shielded cable with 9-pin D-sub connector
Pin Out Definition	X+, Y+, X-, Y- X+ ref, Y+ ref, X- ref, Y- ref
Panel Resistance	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 position 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/Vista/Window 7 2. Windows XP Tablet PC edition 3. Windows CE 2.12/ 3.0/ 4.0/ 5.0/ 6.0 4. Linux (up to Kernel X server 1.6.x) Android 2.3 – Google Meego 1.x – Intel Nokia 5. MS-DOS 6. iMac 9.0/ OS X 7. QXR RTOS v6.3
Display Support	1. Support monitor/ display rotation 2. Support multiple monitors 3. Support split monitor