



Eagle Touch Technologies Co., LTD

Saw Multi touch controller specs

(windows 7 OS)

The Specification of Controller for multi-touch in Windows 7





The Specification of Controller for multi-touch in Win7

Support O/S : Windows 7

Interface :

USB: PNP

RS232 : Need to install the touchscreen driver

Functional parameter :

This technology can effect all the multi-touch gesture action as Microsoft defined. The definition of the multi-touch gesture action in detail as below:

GESTURE	WINDOWS USAGE	GESTURE ACTION	ACTION (○= finger down ◉= finger up)	Single Contact	Multi Contact
Tap / Double Tap	Click / Double Click			★	★
Panning with Inertia	Scrolling	Drag 1 or 2 fingers up and down			★
Selection / Drag (left to right with one finger)	Mouse Drag / Selection	Drag one finger left / right		★	★
Press and Tap	Right-click	Press on target and tap using a second finger			★
Zoom	Zoom (defaults to CTRL key + Scroll wheel)	Move two fingers apart / toward each other			★
Rotate	No system default unless handled by Application (using WM_GESTURE API)	Move two fingers in opposing directions -or- Use one finger to pivot around another			★
Two-Finger Tap	N/A – Exposed through Gesture API, used by Application discretion.	Tap two fingers at the same time (where the target is the midpoint between the fingers)			★
Press and Hold	Right-click	Press, wait for blue ring animation to complete, then release		★	★
Flicks	Default: Pan up/ Pan Down/ Back, and Forward	Make quick drag gestures in the desired direction		★	★



The Specification of Controller for multi-touch inWin7

- 1, click and double click.
- 2, Drag one or two finger up and down.
- 3, Drag one finger.
- 4, Press on target and tap using a second finger.
- 5, Move two fingers apart/toward each other.
- 6, Move two fingers in opposing directions or using one finger to pivot around another.
- 7, Tap two fingers at the same time where the target is the midpoint between the two fingers. (The effect is set by the application software)
- 8, Press, and waiting for blue ring animation complete then release.

9, make quick drag gestures in the desired direction
Performance parameter:

5V power supply, +4.75V ~ +5.25V

Quick response time: response time <8.4MS

Support touch panel size: from 7"-24", no need jumping wire, auto adaptation

The touch panel non radiative, non scattering, no drift

Not easy to be interfered by electric current, voltage and static, work well in the severe environment

Long life-span: 50000 hours, free of maintenance.

Resolution: 4096*4096

Transmittance ≥ 95

Power < 1.5w



Eagle Touch Technologies Co., LTD

Saw Multi touch controller specs

(windows XP OS)

The Specification of Controller for multi-touch in Windows XP





The Specification of Controller for multi-touch in Windows XP

Support O/S : Windows XP

Interface :

RS232 : Need to install the touchscreen driver

Functional parameter :

The application of multi-touch in XP should cooperate with the application software at the customer end to match those definition Microsoft made for all the multi-touch gesture action, such as zoom, scroll etc. Currently, In Google earth in XP, it can effect all the multi touch

gesture action as Microsoft defined. The definition of the multi touch gesture action in detail as below:

GESTURE	WINDOWS USAGE	GESTURE ACTION	ACTION (○= finger down ◉= finger up)	Single Contact	Multi Contact
Tap / Double Tap	Click / Double Click			★	★
Panning with Inertia	Scrolling	Drag 1 or 2 fingers up and down			★
Selection / Drag (left to right with one finger)	Mouse Drag / Selection	Drag one finger left / right		★	★
Press and Tap	Right-click	Press on target and tap using a second finger			★
Zoom	Zoom (defaults to CTRL key + Scroll wheel)	Move two fingers apart / toward each other			★
Rotate	No system default unless handled by Application (using WM_GESTURE API)	Move two fingers in opposing directions -or- Use one finger to pivot around another			★
Two-Finger Tap	N/A – Exposed through Gesture API, used by Application discretion.	Tap two fingers at the same time (where the target is the midpoint between the fingers)			★
Press and Hold	Right-click	Press, wait for blue ring animation to complete, then release		★	★
Flicks	Default: Pan up/ Pan Down/ Back, and Forward	Make quick drag gestures in the desired direction		★	★



The Specification of Controller for multi-touch in Windows XP

click and double click.

Drag one or two finger up and down.

Drag one finger.

Press on target and tap using a second finger.

Move two fingers apart/toward each other.

Move two fingers in opposing directions or using one finger to pivot around another.

Tap two fingers at the same time where the target is the midpoint between the two fingers. (The effect is set by the application software)

Press, and waiting for blue ring animation complete then release.

Make quick drag gestures in the desired direction

Performance parameter:

5V power supply, +4.75V ~ +5.25V

Quick response time: response time <8.4MS

Support touch panel size: from 7"-24", no need jumping wire, auto adaptation

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