# TouchKit TouchScreen Controller User Manual

for Windows 2000 / XP Version: 4.0.2

# CONTENT

CHAF	PTER 1. TOUCH PANEL CONTROLLER	2
1.1	Controller	2
1.2	SPECIFICATIONS AND FEATURES	
CHAF	PTER 2. INSTALLING TOUCHKIT	5
2.1	For windows 2000	5
2.2	FOR WINDOWS XP / XP TABLET PC EDITION	9
CHAF	PTER 3. CONFIGURATION UTILITY	14
CHAF	PTER 4. UNINSTALLING TOUCHKIT	

# **Chapter 1. Touch Panel Controller**

This touch panel controller provides the optimistic performance of analog resistive touch panels for 4 wire, 5 wire and 8 wire models. It communicates with PC system directly through RS232, PS/2 or USB connector. Users can see how superior the design is in sensitivity, accuracy and friendly operation. The touch panel driver emulates mouse left and right button function and supports operation systems including Microsoft Windows 95 / 98 / ME / NT4 / 2000 / XP / XP Tablet PC Edition, Windows CE 2.12 / 3.0/.NET, Linux, iMac and DOS.

# **1.1 Controller**

Interface	RS232	USB	PS/2
4-wire	Ready	Ready	Ready
5-wire	Ready	Ready	Ready
8-wire	Ready	Ready	Ready
Capacitive	Ready	Ready	Х

Table 1. Controllers match with different interfaces

# **1.2 Specifications and Features**

Specifications	
Power requirements	+5VDC (Maximum 100mA, typical 70mA,
	50mV peak to peak maximum ripple)
Operating temperature	0 to 50 °C
Storage Temperature	-40 to 80 °C
Relative Humidity	95% at 60 ℃
Protocol	RS232 Model: 9600 bauds, None parity, 8 data bits and 1 stop bit
	USB Model: USB 1.1 Low speed
	PS/2 Model: PS/2 mouse
Resolution	2048 X 2048
Report rate	RS232 Model: Max. 160 points/sec
	USB Model: Max. 160 points/sec
	PS/2 Model: Max. 140 points/sec
Response time	Resistive: Max. 35 ms
	Capacitive: Max. 20 ms
Pin out definition	4 wire model: X+, Y+, X-, Y-
	5 wire model: UL, UR, COM, LR, LL
	8 wire model: X+, X+ref, Y+, Y+ref,
	X- , X-ref, Y-, Y-ref
Panel resistance	4, 8 wire resistive model: 200 ~ 900 ohm
	( pin to pin on the same layer )
	5 wire resistive model: 50 ~ 200 ohm
	( pin to pin on drive layer )
Regulatory Approvals	FCC-B, CE

# Table 2. Specifications for **TouchKit** controller

Features	
Calibration	Fast full oriental 4 points position
Compensation	Accuracy 25 points linearity compensation.
Draw Test	Position and linearity verification
Language	Support 10 languages for Windows
Advanced Feature	1. Support monitor / display rotation
	2. Support multiple monitor / display
	3. Support QVGA and Half-VGA function
	4. Support edge compensation
	5. Support constant touch
Controller Setting	1. Support multiple controllers
	2. Dynamical add / remove controllers
	3. Change Controller interface without reboot.
Mouse Emulator	1. Right / Left button emulation
	2. Normal / Click on touch / Click on release mode
	3. Auto right button
Sound Notification	1. Sound option (No Sound / Touch Down / Lift Up)
	2. Frequency adjustment
	3. Duration adjustment
Double Click	1. Configurable double click speed
	2. Configurable double click area
OS support	1. Windows 95 / 98 / ME / NT4 / 2000 / XP /
	Windows XP Tablet PC Edition
	2. Windows CE 2.12 / 3.0 / .NET
	3. Linux (RedHat / Fedora / Mandrake /
	Suse / YellowDog ) 4. iMac. OS9.x / OSX
	5. MS-DOS:
	Support display resolution:
	320x200, 640x200, 640x350, 640x480, 800x600,
	1024x768 and 1280x1024
COM port support	1. Support COM 1 ~ COM 256 for Windows and
	Linux
	2. Support COM 1 ~ COM 8 for DOS

Table 3. Features for	r TouchKit software
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# **Chapter 2. Installing TouchKit**

# 2.1 For Windwos 2000

**TouchKit** is software, which contains drivers of the touch panel controllers for the specified communication connectors, RS232, PS/2 and USB, and another utility:

#### • Configuration support

The calibration and draw test of touch panel are done by this utility. Besides, users can add or remove for new RS-232 touch panel device.

Follow these steps to install TouchKit.

- 1. Put the **TouchKit** CD to CD-ROM.
- 2. Change directory to Win2000\_XP
- 3. Double click the **Setup.exe**, then windows starts to run the installation program.
- 4. Just click [Next >] button to continue installation.



5. Then check the check box if PS/2 touch controller is to be installed. The default is unchecked, then press **[Next >]** to continue installation.

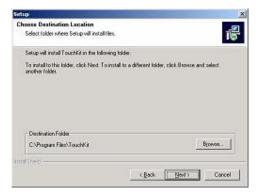
Settup		×
Setup Type Disacte the setup type that best suits your n	eeds.	18
Estra PS/2 interface driver for TouchGt con Please check the check box for PS/2 loud		
I™ jirutal PS/2 interface driver		
magazie		
	< Back Next	Cancel

6. Choose the setup type that best suits your needs. There is a **TouchKit** accessory utility for choosing, **Auto 4Pts Calibrating Utility**. Users can install the utility they want by checking the box, then press **[Next >]** to continue installation.

elup Type	
Disaste the setup type that best suits y	iou needs.
TouchKit Accessory Litility	
🗂 Poto 4Pts Calibration Unity	
(1)e0	< Back [Head> Concel
Wening	×
A Constant Constant	Calibration Utility will be latched when system startup.
	Construction of the personnel when a parent startup.

System will give you a warning, if users set the check box,

 Select the appropriate folder where setup files will be installed. Then press [Next >] to continue installation.



8. Then type in the name of program folder for **TouchKit** or press **[Next >]** to continue. There will be a default name for it.

Select Program Folder		
Please select a program folder.		T
Setup vill add program icono to the F name, or select one from the existing	Program Folder listed below. You may type infolders list. Elick Next to continue.	a new folder
Brogram Foldets:		
Touchts		
Esiting Folders		
Accessories Activity Tools Addres Acadeat SoundMAX Statup		
stitute		
	(Back Next)	Carcel

During driver installation, the setup program will scan COM port for RS232 **TouchKit** controller. Once the controller was scanned, the setup program will display a dialog as

			15
_	en Controller on COM Port		-2
Inform			×
<b>e</b> ?	Touch Controller Found in (	COMS. Add this controller now	8
	Ţes	10	
	Ţes	<u>be</u>	

Click Yes to add the controller on the specified COM port automatically.

9. Windows is copying files to disk and the setup is complete. After finishing the installation, if PS/2 touch controller is installed, it needs to reboot the computer.

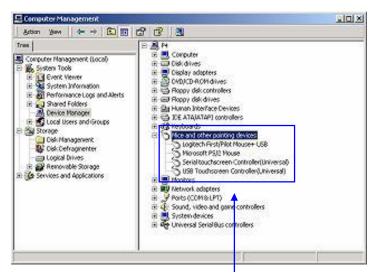


10. Setup is complete. After **TouchKit** installation, the USB device will be found automatically as soon as it was plugged into the computer. Then users can see the new device on the application program window. And, the program will remove the USB Device automatically as soon as it was unplugged.

Interface	PS2 Type	Version	Tê
P52 C0M1	Sections 8 Wine	2.0V 2.01	Add
\??\USB#Vid_GeeR ∢	Pid. EGC2002	2.18	a Serior
1		Language	
and the second se		English	3
Contraction of the second			
E		Calibration	Draw Test
		Calibration	Dvaw Test

# Notice that do not plug the USB controller on the system before the installation has been finished.

11. Users can check the situation of controllers in Device Manager. If the controller is set up well, there will be messages as the following picture.



TouchKit controllers work well

# 2.2 For Windows XP / XP Tablet PC Edition

**TouchKit** is software, which contains drivers of the touch panel controllers for the specified communication connectors, RS232, PS/2 and USB, and another utility.

## • Configuration support

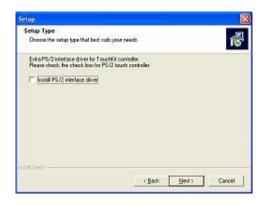
The calibration and draw test of touch panel are done by this utility. Besides, users can add or remove for new RS-232 touch panel device.

Follow these steps to install TouchKit.

- 1. Put the **TouchKit** CD to CD-ROM.
- 2. Open the **Win2000\_XP** directory.
- 3. Double click the **Setup.exe**, then windows starts to run the installation program.
- 4. Just click [Next >] button to continue installation.



5. Check the check box if PS/2 touch controller is to be installed. The default setting is unchecked. Then Press **[Next >]** to continue installation.

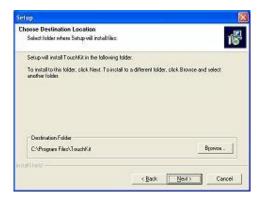


 Choose the setup type that best suits your needs. There is a **TouchKit** accessory utility for choosing, **Auto 4Pts Calibration Utility**. Users can install the utility they want by checking the box. Then Press [Next >] to continue installation.

llup Selup Type	
Choose the setup type that b	at make your needs
TouchKR Accessory USBy	
Г Auto 4Pto Calibration Util	l .
orsheid -	< Back [Sent) Cancel
	- Gan Gans
Warning	8
Warming: The J	uto 47ta Calibration Utility vill be latched when system startup.
<u></u>	13 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

System will give you a warning, if users check the check box,

 Select the appropriate folder where setup files will be installed. Then press [Next >] to continue installation.



8. Then type in the name of program folder for **TouchKit** or press **[Next >]** to continue. There will be a default name for it.

lup	
Select Program Folder Please select a program folder.	16
Setup will add program icons to five Pro name, or callect one from the existing for	ogram Folder listed below. You may type a new folder obless list. Dick Next to continue.
Program Folders:	
[[201373]]	
Egisting Folders	
Accessore	
Administrative Toolo Berrer	
PComm Pto 2.0	
Stadup	
1	
datibed -	
	< Back Next > Cancel

During installation, the setup program will scan COM port for RS232 **TouchKit** controller. Once the controller was scanned, the setup program will display a dialog as.

		ī.
inching 1	auchScreen Controller on COM Port	
	Information	
	Touch Controller Found in COML. Add this controller new 7	
_	Yes No	

Click Yes to add the controller on the specified COM port automatically.

9. Windows is copying files to disk and the setup is complete. After finish the installation, if PS/2 touch controller is installed, it needs to reboot the computer.

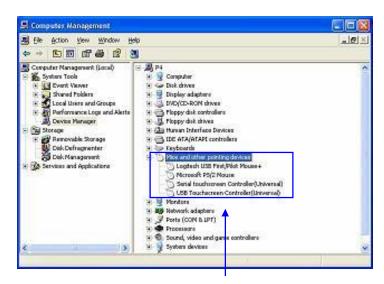


10. Setup is complete. After **TouchKit** installation, the USB device will be found automatically as soon as it was plugged into the computer. Then users can see the new device on the application program window. And, the program will remove the USB device automatically as soon as it was unplugged.

Interlace	Type	Version	Add
PS2 COMI	Resistive SWire	2.07	1032
177USB#Vid_OeeRPid_		2.18	
<			Henne
		English	-
and a second sec		Calbration	Draw Test
		COLUMN	o ton i ton

Notice that do not plug the USB controller on the system before the installation has been finished.

11. Users can check the situation of controllers in Device Manager. If the controller is set up well, there will be messages as the following picture.



TouchKit controllers works well

There are three property pages in **TouchKit** utility, and they are **General**, **Monitors** and **About**. Each property page contains different functions for users to do the adjustments. Therefore, users can easily manage all the **TouchKit** controllers through **TouchKit** Utility.

chiste		
resel Noribars A	bout	
Controller List Active Controller		
Infertace	Type	Version Add
		Language
-		English
		Caltratori Dinv Le

# <u>General</u>

General property page contains the functions of **devices Add / Remove**, **Language selection**, **Calibration**, **Draw Test** and **Advanced**.

		General Functi	on
uch60			1
Controller List Active Controller	w		
Interface	Type	Version Add	1
8		a Berner	j
17		Language	-
		English	-
		Calculus Directed	
		Advanced	
	1	OK Carcel H	elp;

#### <Add> / <Remove>

Please check the touch panel devices (including its controller) are equipped well, then click **[Add]** button to add RS-232 device to the **Panel List** dialogue box.

Interface	Type Version	Add
		- Ferre
<)	Add	
1	2 Centroller found enCOM	
and and an		2
E	Yes No	Duple Test
4		

There is one devices found. Press [Yes] to continue.

Interface COMI	Type 8 Wire	Version 2.01	Add
CUMI	o wre	2.01	1 100022
			Renove
Seri	al Touchscreen S	can/Added Done!	X
1000			
	rial Ports Scanned: 2		
No.		Device(s) Founded:	1 2
No.	w Serial Touchscreen w Serial Touchscreen	Device(s) Founded: Device(s) Added: 1	
No.	w Serial Touchscreen w Serial Touchscreen	Device(s) Founded:	1 ev Test

The controller is displayed on the Panel List box. Users can get the information of interface, type, firmware version and baud rate for each controller.

Select one device after added more than one device at the panel list window. The one selected will activate the controller, and remember to do the calibration before starting to use touch panel. But, for hot-swapping USB touch controller, it will be added automatically as soon as it was plugged into the computer. Then users can see the new device on the application program window. And, the program will remove the USB touch controller automatically as soon as it was unplugged.

Active Controller	177/US8#Md_DeelF	Pid_0001#51604e1	
Interlace	Type	Version	Add
\7?YUSB#Vid_Gee/	IPId. EGC2002	2.1B	A00
			Hennie
1		Language	
		English	2
F		Calbration	Draw Test
	the second se		

#### <Language>

TouchKit supports multi-language user interface. Users could select native language that is compatible to operation system support. For example, if the operation system is a traditional Chinese version, users could see the normal display words under the traditional Chinese and English mode. There are ten different languages, English, Traditional Chinese, Simplified Chinese, French, Spanish, German, Japanese, Italian, Korean and Dutch supported in this feature of TouchKit.

Controller List Active Controller				
Interlace	Туре	Version	Add	
		Language English		Note to select the compatible language

Select the compatible language first or users may not see the normal display of each button.

There are three buttons, **[Calibration] [Draw Test] [Advanced]**, at the lower section of the **General** property page.

# <Calibration>

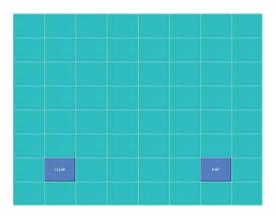
Correct 4 point locations on screen with the panel. Press **[Calibration]**, screen displays as follows.



# Touch the blinking symbol on panel until beep or stop blinking.

## <Draw Test>

Test the drawing position related to the display screen on panel. Click on the **[Draw Test]** button. There will be a squared blue display showing.



In drawing test window, users can click **[Clear]** button to clear the window. Also, users can click **[Quit]** or press mouse right button to quit from the drawing test. In drawing test window, users can verify the panel linearity, calibration capability, and drawing line quality.

#### <Advanced>

There are four property pages in **Advanced** page, and they are **Setting**, **Edge Compensation**, **Linearization** and **Capacitive Setting**. Each property page contains different functions for users to do the adjustments.

# <u>Setting</u>

There are three functional groups in **Setting** property page, and at the upper section of the property page is **Sound Option**; at the middle section is **Mouse Mode**; and at the lower section is **Double Click Adjustment**.

The **Sound** options provide users the click feedback while touching the panel. Select preferred option first.

ince		
ting Edge Compensati	Lineacoston   Capacitive Setting	
□ TouchDown □ Litt Up	Frequency Duration	
Mouse Mode	1	
Mouse Mode	Nomal Mode 5	
Option	9	1
Double Click Speed Slover		
Double Click Area	Lagger	

#### <No Sound>

Users do not set any checkbox to make no sound while using the touch panel.

#### <Touch Down>

The system will make a sound while touching the panel.

#### <Lift Up>

he system will not make any sound until finger leaves the touch panel.

#### <Frequency>

Sound frequency, drag the cursor from left to right is low to high.

# <Duration>

Sound duration, drag the cursor from left to right is short to long.

The **Mouse Mode** provides users different operating options. They are as follows:

166	
Ni  Edge Compensation   Sound □ Touch Down □ Lift Up	Envertation   Capacitive Setting
House Node Nouse Hode Option	Normal Mode 5
Double Click Speed Slower Double Click Area	Fatter

#### <Mouse Mode>

There are five kinds of mouse mode users could choose,

#### [Normal Mode]

It provides all the mouse functions, including the dragging function.

# [Click on Touch]

Click action is executed as soon as users touch the panel.

#### [Click on Release]

Click action will not be executed until finger leaves the panel.

#### [Click on Touch no move]

Driver will report a mouse click at the first touch point, then the cursor does not move until lift off.

#### [Click on Release no move]

Driver will report a mouse click at lift off point, then the cursor does not move during touch down.

<Option>

TouchKit provides an option for advanced Mouse Emulation setting. When the Option button is pressed, a setting property sheet will be popped up. Support Constant Touch, Support Auto Right Button, Support Touch Function and Support Cursor Stabilization checkboxes are shown in the property sheet to enable / disable Constant touch, Auto right button, Touch function and Cursor stabilization support.

iar Enculation IP Support Constant Touch IP Support Auto Right Button IP Support Touch Function IP Support Curve Stabilization Smaller Range & Pool Smaller Larger	on use Englation		
IF Support Auto Right Button IF Support Touch Function IF Support Curror Stabilization Ranger € Pool	LON EMULATION		
IP Support Touch Function IP Support Curso Stabilization Range € Pixel	Support Consta	erk Touch	
IF Support Curror Stabilization   Range & Poel	Support Auto P	light Bulton	
Range & Pool	Support Touch	Function	
	🔽 Support Cursor	Stabilization	
	Smaller	Range & Pool	Larger
Smaler Larger	Smaller	Time 1.3 Sec	Larger

#### [Constant Touch]

Enable **Constant Touch** to force driver to stop reporting touch point when the movement is within the range which users can adjust. Therefore, the user can see a stabilized cursor instead of a chattering cursor when users touch the same point with unwanted noise.

#### [Auto Right Button]

Enable Auto Right Button to force driver to report a right click mouse event to OS when users do a continuing touch till time out. This feature makes users to do right click more easily with touchscreen.

#### [Touch Function]

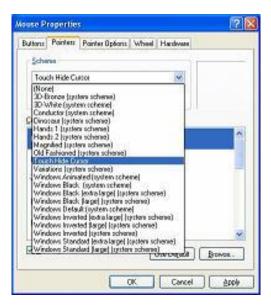
Enable Touch Function will start reporting touch point.

## [Cursor Stabilization]

Enable **Cursor Stabilization** stabilize the cursor so that we can see a stable cursor under noisy environment.

#### <Cursor Visibility>

Cursor visibility function provides users to hide the cursor in the display. Please go to **Start / Control Panel / Mouse / Pointers / Scheme**, and choose **TouchKit Hide Cursor**. Press **[Apply]** to make setting change, and press **[OK]** to escape the property page.



If users want to cancel the function of TouchKit Hide Cursor, do the steps again and choose the other scheme.

The **Double Click adjustment** provides users to set up the tolerance while double clicking. They are as follows:

Sound TouchDown TuitUp	Frequency Duration	]
Mouse Mode Mouse Mode Option	Normal Mode	Ó
Double Click Speed Slower		Faster
Double Click Area Smaller		ager

**Double Click Adjustment** 

# <Double Click Speed>

Double Click Speed is the double click response time for Windows system. Users can adjust the proper double click for easy double click by touch panel.

# <Double Click Area>

Each one touch has its own touch tolerance once someone may not fix in one point. So if users set the Double Click Area to **<Smaller>**, the panel will be very sensitive about micro-move while users want to fix on a point. If users set it to **<Larger>**, it tolerates the larger touch point movement while users want to point at a fixed position.

# Edge Compensation

Edge Compensation property page contains the functions of Edge Compensation for **Top, Bottom, Left, Right, X Axis and Y Axis**.

Sinaller	Top	110.%	Los	- 1
3410401	Left	110 %	- 105	
Smaller	-	<u> </u>	Lag	per l
Sevaler	Bottom	110.%	Lag	241
Sinaler	Right	110 %	Log	297
Snaler	Othert X Awa	S Pivel	Lay	201
Smaller	Offset Y Avis	0 Pixel	Lag	pur l
Edge Compensation :	Switch			
Support Edge Co	menodion	-10 %	Default	+10 %

In some case, if it is difficult to touch items at the edges of the touch panel, users can set adjustment to reach the edges of the screen image.

# <Top>

If users set the Edge to **<Smaller>**, **TouchKit** will reduce the horizontal position of the top edge. If users set the Edge to **<Larger>**, **TouchKit** will extend the horizontal position of the top edge.

# <Bottom>

If users set the Edge to **<Smaller>**, **TouchKit** will reduce the horizontal position of the bottom edge. If users set the Edge to **<Larger>**, **TouchKit** will extend the horizontal position of the bottom edge.

#### <Left>

If users set the Edge to **<Smaller>**, **TouchKit** will reduce the vertical position of the left edge. If users set the Edge to **<Larger>**, **TouchKit** will extend the vertical position of the left edge.

#### <Right>

If users set the Edge to **<Smaller>**, **TouchKit** will reduce the vertical position of the right edge. If users set the Edge to **<Larger>**, **TouchKit** will extend the vertical position of the right edge.

In some case, cursor will be behind the finger when users touch the panel. If users can not see the cursor when they touch down on the panel, users can set X Axis or Y Axis to move the cursor.

## <Offset X Axis>

If users set the Offset X Axis to **<Smaller>**, cursor will be moved a pixel of X Axis to left. If users set the Offset X Axis to **<Larger>**, cursor will be moved a pixel of X Axis to right.

## <Offset Y Axis>

If users set the Offset Y Axis to **<Smaller>**, cursor will be moved a pixel of Y Axis to top. If users set the Offset Y Axis to **<Larger>**, cursor will be moved a pixel of Y Axis to bottom.

	Bound	Top	110.%	
	Sinaler	-	<u> </u>	Larger
	Smaller	Lett	110 %	Lager
	Smaller	Bottom	110.5	Larger
	Snaller	Right	110 %	Larger
	Smaller	Offset X Axis	© Pixel	Laiger
	Smaller	Officet Y Avio	0 Pixel	Larger
	Edge Compensation	Switch		
ch 🗕	Support Edge Co	enpenation	- 10 %	Default + 10 %

Edge Compensation Switch

## <Edge Compensation Switch>

Users can set Edge compensation checkbox to enable / disable this function from left bottom corner of **TouchKit** Utility.

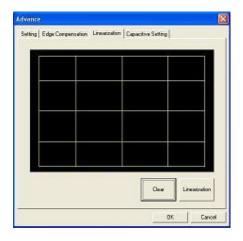
# <Edge Compensation Buttons>

Using **+10% and -10% button** to adjust the smaller or larger of edge. If users press **+10% button**, the top, bottom, left and right edges will extend 10% of orientation to touch screen, and cursor will be moved 10 pixel of X and Y Axis to right and top. If users press **-10% button**, the top, bottom, left and right edges will contract 10% of orientation to touch screen, and cursor will be moved 10 pixel of X and Y Axis to left and bottom.

If users want the value back to the default value, choose **Default button**.

# Linearization

**TouchKit** provides more accuracy 25 points calibration for touch sensor. In general case, it does not need to do 25 points calibration other then bad linearity sensor.



Press [Clear] to clear the previous calibration records.



Press [Yes] to clear previous records. The record will become default record.

Press [Linearization] to do 25 points calibration. Correct 25 point locations on screen with the panel.



## Touch the blinking symbol on panel until beep or stop blinking.

After the calibration, the new record will overwrite the old one.

# **Capacitive Setting**

**TouchKit** provides controller setting for capacitive touch sensor. If the capacitive controller is selected, an extra property page for capacitive setting adjustment shown as below:

Advance	8
Setting   Edge Compensation   Linearization   Capacitive Setting	
- Signal Sensitivity	
Size of Touchuczeen 12" = 17 v	٠
Senativity	
Stong	Woak
Signal Sampling Time	
	٠
Sampling Time 100	10.25
·	160
The above setting will be valid only after restart firmware.	Hestat
0K	Cancel

Please select property size of capacitive screen first, and press [Restart]

etting   Edge	Compensation	Linearzation	Capacitive Setting	d.	
Signal Sero Size of Tou Seroitivity	- 55	Þ	2* - 17 💌	-	
Resta Sig 🚫		uch the toucheor	een until weit cure	or despose	<b>2</b>
S.	60			- 160	
The	above setting v	vill be velid only a	Per restart Timmar		lestaat

The capacitive controller will restart, and do not touch the screen before the warning message disappears

# Warming: Do not adjust the sensitive and sampling time without RD help

# **Monitors**

There are two functions in this property page, and they are **Multiple Monitors** and **Split Display**. Such a trendy and yet innovated design provides viewing pleasures, viewing flexibility and convenience to users.

#### <Multiple Monitors>

To configure the mapping relationship between the monitors and the touch panels, select the monitor page as below.

Intelface DOM1	Monitors	Besolution 0-00	He	272
.??\USBIFVid_Deel%Pid .	0	0-0		din
" Support Salk Dirplay lankers				

Set the check box (Support Multiple Monitors) to enable multiple monitors mapping. Uncheck this box will disable multiple-monitor configuration, and all of the touch panel controllers will be mapped to the primary monitor. The gray shadow area is the monitor mapped the selected controller/panel. The button **[Mapping]** is used to find the mapping relationships between the monitors and touch panel controllers. Press the **[Mapping]**, the software will guide users to touch the corresponding monitor to obtain the mapping relationship.



#### <Split Display>

To use the Split Display function, users need to select which controller you want to launch this function, then set the Multiple Monitors and Split Display checkboxes at the same time then press the **[Split Setting]** button to set up the activate area.

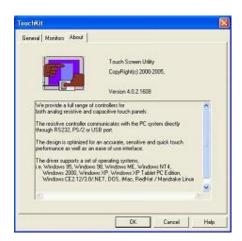
It Setting	
Split Display Configuration	
C. Left Hell	C Quadent
C Fight Half	C Quarter2
C Upper Half	C Quoter3
C Bottom Half	C Quarter4
(F Customend	
Custent Resolu Left 0 Top 0	ution DKO Right D Botton D
	OK Carcel

It shows the current resolution of display and users can set up the activate area by inputting the value by yourself or use the default button.

The default value of panel resolution should be full screen as Left:  ${\bf 0}$  , Right:  ${\bf 0},$  Top:  ${\bf 0}$  and Bottom:  ${\bf 0}.$ 

# <u>About</u>

Information about TouchKit.



Follow these steps to uninstall TouchKit.

1. Go to Start / All programs / TouchKit / Uninstall, and execute it.

😰 Set Program Access and Defaults	1
📽 Windows Catalog	
🐏 Windows Update	In the William
Accessories	
Games	·
HCT HCT	
PComm Pro 2.0	·
📸 Ratup	· TOXISTO
🛅 Tauchéit	🕨 🛄 Configure Utility
Anternet Explorer	😻 TouchKit Help
MSNExplorer	A treated
🔄 Outlook Express	and the second se
🔔 Renote Assistance	STREET, CONTRACTOR
() Windows Media Player	A A MARINE
3 Windows Messenger	A COMPANY OF LAND THE PARTY OF LAND

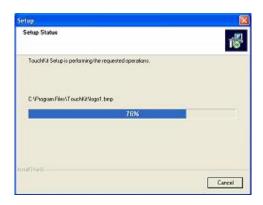
2. TouchKit setup dialog appears, and prepares to uninstall.



**3.** Confirm dialog, press **[OK]** to start un-installation; **[Cancel]** to cancel un-installation.



4. Start to uninstall TouchKit.



If users do not want to uninstall **TouchKit** at this moment, press **[Cancel]** to terminate the uninstall process.

1. TouchKit driver will not be unloaded until system re-boot. Press [Yes] to re-boot immediately or [No] to re-boot later.

