ILITek iUniTouch Tool

User Guide

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Table of Contents

1	Desc	ription6
	1.1	System Requirements6
2	Soft	vare Installation7
	2.1	Windows Platform7
	2.2	Linux Platform11
3	ILITe	k iUniTouch Tool12
	3.1	TP List Page12
	3.2	Mode Switch15
	3.3	Touch Behavior18
	3.4	FW Upgrade19
4	Trou	bleshooting
	4.1	Windows system
		iUniTouch Tool can't find touch device in Win 7, Win1020
		Install driver failed in WinXP, Win 7 Embedded21
		Install and Update driver of WinXP25
	4.2	Linux system
	4.2.1	How to Disable Wayland

List of Figures

Figure 2-1: Setup.exe	7
Figure 2-2: Welcome Installation	8
Figure 2-3: Destination Folder	9
Figure 2-4: Installation Progress Window	9
Figure 2-5: Installation finish	10
Figure 3-1: TP List Page	12
Figure 3-2: Mode Switch	15
Figure 3-3: Touch Behavior	18
Figure 3-4: FW Upgrade	19

List of Tables

Table 3-1: Detailed description of TP List Page	13
Table 3-2: Detailed description of Mode Switch	15
Table 3-3: Detailed description of Touch Behavior	18
Table 3-4: Detail description of FW Upgrade	19

1 Description

ILITek iUniTouch Tool provides a configuration utility for all kinds of ILITek capacitive touch IC. This document would help to use ILITek iUniTouch Tool in detail.

1.1 System Requirements

- ILITek USB interface capacitive touch related products
- Windows

OS: Windows XP SP3, Windows 7, Windows 8/8.1 and Windows 10

• Linux:

OS:

- a. Ubuntu : Ubuntu 14.04, Ubuntu 16.04, Ubuntu 18.04, Ubuntu 20.04, Ubuntu 22.04
- b. CentOS: CentOS 6.9 (64 bits), CentOS 8.
- c. Fedora: Fedora 29, Fedora 36.
- d. Debian: Debian 10, Debian 11.
- e. SUSE: SUSE 12, SUSE 15.

Libusb:

a. libusb-1.0 and libusb-0.1 for CentOS 6.9.

X display (X11):

- a. Fedora, Debian, Cent OS 8, Ubuntu 22.04 have to disable Wayland.
 - * Refer to 4.2.1 How to Disable Wayland

Xinput:

user@user-ThinkCentre-M83: ~/Documents/1804_Share/Lin	nux_Daem	on_iUniTouch_V1 .2.5.9 😑 🗐 😣		
File Edit View Search Terminal Help				
<pre>user@user-ThinkCentre-M83:~/Documents/1804_Shar 9_beta/iUniTouch_Tool\$ xinput</pre>	e/Linux_	_Daemon_iUniTouch_V1 .2.5.		
Virtual core pointer	id=2	[master pointer (3)]		
↓ Virtual core XTEST pointer	id=4	[slave pointer (2)]		
↓ UPDD single touch	id=13	[slave pointer (2)]		
↓ UPDD right mouse button	id=14	[slave pointer (2)]		
└ Logitech USB Optical Mouse	id=12	[slave pointer (2)]		
Virtual core keyboard	id=3	[master keyboard (2)]		
4 Virtual core XTEST keyboard	id=5	[slave keyboard (3)]		
↓ Power Button	id=6	[slave keyboard (3)]		
<mark>ዛ</mark> Video Bus	id=7	[slave keyboard (3)]		
4 Power Button	id=8	[slave keyboard (3)]		
ዛ Logitech USB Keyboard	id=9	[slave keyboard (3)]		
└ Logitech USB Keyboard System Control	id=10	[slave keyboard (3)]		
└ Logitech USB Keyboard Consumer Control	id=11	[slave keyboard (3)]		
user@user-ThinkCentre-M83:~/Documents/1804_Share/Linux_Daemon_iUniTouch_V1 .2.5.				
9_beta/iUniTouch_Tool\$				

How to install:

Fedora:

sudo yum -y install xinput

Debian:

sudo apt-get update
sudo apt-get install xinput

2 Software Installation

2.1 Windows Platform

Double click at the setup.exe file to start software driver installation. The setup program will guide user to complete software installation.



Figure 2-1: Setup.exe

Press **Next** button to continue installation.

iUniTouch Tool

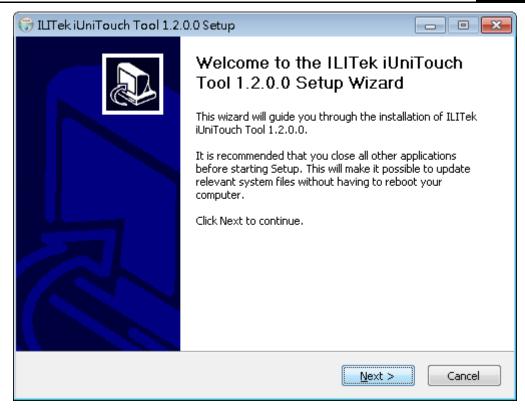


Figure 2-2: Welcome Installation

iUniTouch Tool

User can choose the destination folder. Press **Install** to continue.

🕞 ILITek iUniTouch Tool 1.2.0.0 Setup	- • •
Choose Install Location Choose the folder in which to install ILITek iUniTouch Tool 1.2.0.0.	Vain
Setup will install ILITek iUniTouch Tool 1.2.0.0 in the following folder. To ins folder, click Browse and select another folder. Click Install to start the insta	
Destination Folder	B <u>r</u> owse
Space required: 39.2MB Space available: 13.5GB	
Nullsoft Install System v2,51	Cancel

Figure 2-3: Destination Folder

Installation will take a few minute, please wait patiently.

🕝 ILITek iUniTouch Tool 1.2.0.0 Setup	
Installing Please wait while ILITek iUniTouch Tool 1.2.0.0 is being installed.	(all all all all all all all all all all
Execute: C:\iUniTouch_Tool\Driver\amd64\dpinst.exe /F /S	
Extract: dpinst.exe 100% Output folder: C:\iUniTouch_Tool\Driver\amd64 Extract: ilifltr.sys 100% Extract: ilifltr.inf 100% Extract: ilimouse.sys 100% Extract: ilimouse.sys 100% Extract: ilimouse.cat 100% Extract: ilimouse.cat 100% Extract: dpinst.exe 100% Extract: dpinst.exe 100%	
Nullsoft Install System v2.51	Cancel

Figure 2-4: Installation Progress Window

When completed install please reboot your computer to make change take effect.

After reboot, you can see the ILITek iUniTouch Tool shortcut on desktop and start menu.

🕞 ILITek iUniTouch Tool 1.2.0.0 Setup 📃 📼 🗷		
	Completing the ILITek i Tool 1.2.0.0 Setup Wiza Your computer must be restarted in or- installation of ILITek iUniTouch Tool 1.3 reboot now? Reboot now: I want to manually reboot later	ard der to complete the
	< <u>B</u> ack Eini	sh Cancel

Figure 2-5: Installation finish

2.2 Linux Platform

Extract zip file

Use Ctrl+Alt+T shortcut to open terminal

1. Install daemon:

Enter "sudo ./Linux_Daemon_iUniTouch_install.sh" command in /Daemon_Install/ folder (if you cannot execute shell file, please enter "sudo chmod +x Linux_Daemon_iUniTouch_install..sh" to modify file permission) Please reboot machine after installation finish

2. Install iUniTouch Tool:

Enter "sudo ./iUniTouch_Tool_install.sh" command in /iUniTouch_Tool/ folder. Application path is "/usr/share/Applications/", you have to become root before you execute the application

3 ILITek iUniTouch Tool

The following sections describe the tool function. ILITek iUniTouch Tool provide the same user interface on windows and linux. Therefore, the functions will be introduced together.

3.1 TP List Page

UniTouch Tool V1.2.4.0 nguage	3 ILTER INNITOREN FOR			
TP List Mode Switch Touch B	ehavior FW Upgrade			
	2 Iti-Monitor Mapping ON - Start Map	ping		
[Protocol Version]	³ pport Display Orientation ON -			
3.4.0. [Firmware Version]	4 nitor Identify Start			
6.0.0.0.0.0.0.0. [Kernel Version] 2510	5 Model Name Monitor	ID		
[Core Version] 6.1.1.d. [Check Code] AP :e6e DATA :e420 [Panel Information] X resolution : 16384 Y resolution : 16384 AA X Channel : 28 AA Y Channel : 17 Support Fingers : 10 Support Keys : 0	1 II.12510001215A00			
6	SET			

Figure 3-1: TP List Page

iUniTouch Tool

Table 3-1: Detailed description of TP List Page

No.	Item	Description		
1	Language Setting	The UI language selections provide English, Traditional Chinese and Simplified Chinese.		
		Monitor mapping switch (for mouse mode only)		
2		If user select "ON", and then click "Start Mapping", This function will help user		
		to does monitor mapping. a new window will be popped-up on a monitor as		
		below		
		Condition exclusion		
		(a) If you plug / unplug a monitor and your 'touch to mouse' position was		
		incorrect, please remap again to fix it.		
		(b) If you change display settings and your "touch to mouse" position was		
		incorrect, close tool and launch again to fix it.		
		(c) Screen Orientation of both monitor must be the same.		
	Multi-Monitor Mapping			
		Or		
		2		
		Not support more than 2 monitors.		
3	Support Display	Monitor display orientation support. If user select "ON", this utility will correct		
Orientation		the touchscreen orientation to match with monitor display orientation		
		whenever it detects monitor rotation.		
4	Monitor Identify	The tool shows the monitor ID on every screens		
5	TP List	User can double click to select the TP list in the window to do configuration for		
		it. Also, all of the other property pages will be updated for this selected TP.		
6	SET Button	Make change take effect.		

Tap this screen with your finger to set it as the Tablet PC screen. If this is not Tablet PC screen. Press Enter to move to next screen. Press Esc to exit.

It will move to next screen in 10 seconds.

3.2 Mode Switch

🗿 iUniTouch Tool V1.2.4.0					
Language					
TP List Mode Switch	Touch Behavior	FW Upgrade			
Touch Setting					
Mode Switch	TOUCH -				
Mouse mode settings					
Click Setting			Touch Function	ON -	
Normal			Mouse Function with AP	OFF -	
0	50 ms		Hide Mouse Cursor	OFF -	
Beep sound settings					
Beep Sound	OFF -		Beep Device Selection		
			Speaker	•	
Beep Frequency =		1000 Hz	Beep Occasion		
Beep Duration 🥌		200 ms	Beep On Touch	•	
Reset to defa	Reset to default settings				
		SET			

Figure 3-2: Mode Switch

Table 3-2: Detailed description of Mode Switch

No.	Item	Description
		If user select "MOUSE" TP will become mouse with configuration
1	Mode Switch	If user select "TOUCH" TP will become touch panel without
		configuration
2	Reset to default	Click to clear all settings and load default.
		Select "OFF" will turn off touch function.
3	Touch Function	• Note
		In multiple TP/Monitor system, Only one TP will be turned off.
4	Hide Mouse Cursor	Select "ON" will hide mouse cursor (Linux has no this item)
5	Mouse Function with AP Configuration whether resident with software	
		There are 7 mouse emulation modes for ILITek touchscreen
6	Click Setting	controllers. Click combo box to change the emulation mode.
		1. Normal
		Behaves mouse button down and mouse move. User can select this

		iUniT	ouch Tool	
mode to select object	t, and dragging	the object.		
2. Drag OFF				
With this "Drag OFF" mode, the driver emulates a mouse release				
when the finger move	when the finger move or finger release.			
3. Click on touch				
With this "Click on tou	uch" mode, the	driver emulates	a mouse click	
event when the touch	screen state wa	as switched from	n un-touched	
state to touched state	e. Then, the driv	er always gene	rate mouse	
move event and is tra	acking the touch	position until th	ne touchscreen	
state switched to un-te	touch state.			
4. Click on touch	without movin	ng cursor		
With this mode, the di	river behaves s	imilar as "Click	on touch" mode.	
The cursor does not n	move to the touc	ch position exce	pt the first touch	
point.				
5. Click on release	e (needs fw su	ipport)		
With this "Click on rele	lease" mode, the	e driver emulate	es a mouse click	
event when the touch	screen state wa	as switched from	n touched state	
to un-touched state.				
6. Click on release	e without mov	ing cursor (nee	eds fw support	
With this mode, the di	lriver behaves s	imilar as "Click	on release"	
mode. The cursor doe	es not move to	the touch position	on except the	
lift-off point.				
7. Desktop mode				
With this mode, the di	lriver behaves s	imilar as "Norm	al" Mode. But	
the driver will not repo	ort mouse butto	n down immedi	ately after user	
touches down.				
User needs to touch a	and stay at one	point for a few r	nilliseconds and	
then the driver will rep	port mouse touc	ch down.		
The following slider is	s used to set tim	ne period.		
Finger	Touch TP	Moving after	Leave TP	
Option		touch		
Normal	Press left	Move cursor	Release left	
	button		button	
Drag Off	Press left	Release left	Release left	
	button	button	button	
	Click left	Move cursor	No action	
	button			
	Move cursor	No action	No action	
Chek on touch		NO action	NO action	

. <u></u>				iUni	ouch Tool	
		without moving	and click left			
		cursor	button			
		Click on release	Move cursor	Move cursor	Click left	
					button	
		Click on release	No action	No action	Move cursor	
		without moving			and click left	
		cursor			button	
		Desktop mode	Press left	Move cursor	Release left	
			button (Need		button	
			to wait)			
		Note				
		In multiple TP/Monit	tor system, Only	one TP will be o	changed.	
7	Beep Sound	Beep sound on/off s	switch.			
		User can select bee	p occasion			
8	Beep Occasion	Beep On Touch me	aning driver gen	erate beep wher	n finger touch TP	
		Beep On Release meaning driver generate beep when finger				
		release TP				
9	Beep Frequency	Adjust the beep sound frequency, set range 500Hz~2000Hz				
10	Beep Duration	Adjust the beep sound duration, set range 100ms~500ms				
		To select beep from	h buzzer or spea	ker (Linux has n	o this item)	
11	Beep Device Selection					
		Condition excl	usion			
		(a) Beep from spea	iker needs iUniT	ouch tool is run	ning.	

3.3 Touch Behavior

🔘 iUniTouch Too	ol V1.2.4.0				- 0 X
Language					
TP List	Mode Switc	h Touch Behavior	FW Upgrade		
Right Key	ON/OFF	OFF	•	-0	⇒ 300 ms
Lock Point	t	ON	•		= 200 pixel
Double Cli	ck ON/OFF				
(Manual ad		ON	•		
		First Point Lock Dista	nce		300 pixel
		First Point Lock Time			⇒ 500 ms
		Second Point Lock Di	stance	(300 pixel
		Second Point Lock Ti	me		⇒ 500 ms
		System Mouse Double	e Click Range Height		50
		System Mouse Double	Click Pango Width		
		(Must reboot PC to tak	-		50
			SET		

Figure 3-3: Touch Behavior

No.	ltem	Description		
		If the touchscreen was kept touched for a specified time, the driver will generate		
1	Right Key ON/OFF	a mouse right button click event if this function was enabled.		
		The following slider used to adjust trigger time.		
		Two continuous clicks at the same area within this specified time and area will		
		be recognized as a double click event.		
		When select "OFF" the following sliders used to adjust area and time to prevent		
2	Double Click ON/OFF	OS recognized two continuous clicks as a double click event.		
2				
		Condition exclusion		
		Due to "System Mouse Double Click Range" is setting of Windows, must reboot		
		System to take effect. (Linux has no this item)		
		If Lock Point is "ON", this is a criterion to judge if the most recent touched point		
9	Lask Daint	is same as the previous touched point. If the points difference is within this area,		
3	Lock Point	it will be recognized as the same touch point and the driver does not generate		
		new mouse event for this new touch point.		

3.4 FW Upgrade

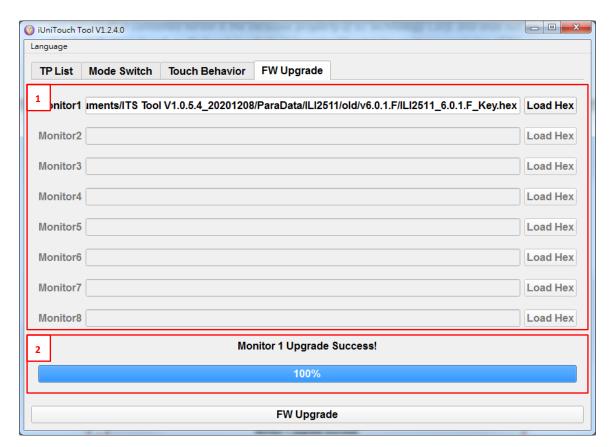


Figure 3-4: FW Upgrade

Table 3-4:	Detail	description	of	FW	Upgrade
					- p g

No.	Item	Description
1	Hex File Selection	User select hex for FW upgrade
		 Show FW upgrade progress during upgrade FW Note
2	Upgrade Progress	 After upgrade completed, have to reboot system or re-plug Device to make it effect. If you use other application to upgrade FW, Multi-monitor mapping will lose. You have to map again (reference to section 3.1)

4 Troubleshooting.

4.1 Windows system.

4.1.1 iUniTouch Tool can't find touch device in Win 7, Win10.

Root cause 1: Load driver failed. Solution:

Check device manager -> Human interface device,

- a. VID must be 222A,
- b. PID must be 0001, 0002 or 0003
- c. REV must be 0002

		_ 0	23
檔案(F) 執行(A) 檢視(V) 說明(H) (← ●) 〒 □ 2 〒 № 12 № 10			
 IE2276 IE2276 Intel(R) Wireless Bluetooth(R) DVD/CD-ROM 光碟機 DVD/CD-ROM 光碟機 IDE ATA/ATAPI 控制器 人性化介面裝置 HID-compliant device Tellet HID Touch Screen HID USB 動入装置 HID USB 動入装置 HID USB 動入装置 Tellet HID UD 能的取用者控制装置 Year Extreme HID UD 能的取用者控制装置 HID USB 動入装置 HID USB 助力 HID USB MARE HID USB M	ILITek HID Touch Screen - 内容 × 一般 驅動程式 詳細資料 ● ● ● ■ ILITek HID Touch Screen ■ ● ● ●		E
▶ · ❷ 涡鼠及其他指櫄裝置 ▶ · ▲ ■ 電池			-

Figure 4-1:

Root cause 2: The FW is not support 0xDE command.

Solution:

Use latest FW.

4.1.2 Install driver failed in WinXP, Win 7 Embedded.

Root cause: can't load driver automatically.

Solution 1:

Install driver manually.

Solution 2:

Install patch for windows (Win7 only).

KB4474419

https://www.catalog.update.microsoft.com/Search.aspx?q=kb4474419 KB4490628 https://www.catalog.update.microsoft.com/Search.aspx?q=kb4490628 KB5006749 https://www.catalog.update.microsoft.com/Search.aspx?q=kb5006749

How to install:

1. Click the links. You will see this page, select your Windows version X86 or X64 and click download

soft*Update Catalog			kb4	474419		
z results for "kb4474419"						
1 - 9 of 9 (page 1 of 1)						👍 Previous
Title	Products	Classification	Last Updated	Version	Size	Down
019-09 週用於 x64 系統 Windows Server 2008 的安全性更新 (K84474419)	Windows Server 2008	安全性更新	2019/10/8	n/a	43.5 MB	Downlo
019-09 週用於 Itanium 未統 Windows Server 2008 的安全性更新 (K84474419)	Windows Server 2008	安全性更新	2019/10/8	n/a	26.9 MB	Downlo
019-09 邊用於 x86 系統 Windows Server 2008 的安全性更新 (K84474419)	Windows Server 2008	安全性更新	2019/10/8	n/a	30.5 MB	Downlo
019-09 適用於 x64 账統 Windows Server 2008 R2 的安全性更新 (KB4474419)	Windows Server 2008 R2	安全性更新	2019/9/9	n/a	53.3 MB	Downlo
019-09 適用於 Itanium 系統 Windows Server 2008 R2 的安全性更新 (KB4474419)	Windows Server 2008 R2	安全性更新	2019/9/9	n/a	30.3 MB	Downlo
019-09 適用於 x64 糸統 Windows Embedded Standard 7 的安全性更新 (KB4474419)	Windows Embedded Standard 7	安全性更新	2019/9/9	n/a	53.3 MB	Downlo
019-09 適用於 x86 糸統 Windows Embedded Standard 7 的安全性更新 (KB4474419)	Windows Embedded Standard 7	安全性更新	2019/9/9	n/a	34.3 MB	Downlo
)19-09 適用於 x86 条統 Windows 7 的安全性更新 (KB4474419)	Windows 7	安全性更新	2019/9/9	n/a	34.3 MB	Downlo
	Windows 7	安全性更新	2019/9/9	n/a	53.3 MB	Downlo

Figure 4-2:

0	Aicrosoft Update Catalog - Google Chrome				x		
	catalog.update.microsoft.com/DownloadDialog.aspx				Gr		
	Download Download Updates						
	2019-09 Security Update for Windows 7 for x64-based Systems (KB4	1474419)			_		
	windows6.1-kb4474419-v3-x64 b5614c6cea5cb4e198717789633dca1630			開啟連結			1
				開啟連結			
		在無	寝式視	窗中開啟連結			
		「□ 傳送	速結到	^r ASUSTeK CO	OMPUTER	INC. 電腦」	
		另存	連結為.				-
		複集	連結網	址			⊢
		檢查	Ē				
						-	
				Close			

2. Right-click on the file link, and select "save link as.."

Figure 4-3:

3. Save the file.



● 另存新檔	Cutoguege					x
○○○ ↓ 電腦 → DATA_4 (G:) → SVN →	ReadCsv 🕨		▼ 4 9	搜尋 ReadCsv		Q
組合管理 ▼ 新増資料夾						0
🕌 HP 440 G2 Driver 🔷	名稱	修改日期	類型	大小		
ILI2117A00043I00_AUO_v0x0000_0 ILI2316_rev19291_FW	퉬 ReadCsv	2021/12/1下午 0	. 檔案資料夾			
ITS Tool V1.0.6.0_20210329 James.Hsu Mail						
MPTool_4302_URT Uld_Hex POSReady7						
4t-everywhere-opensource-src-5.5 Share						
SRC						
▲ ReadCsv 檔案名稱(N): windows6.1-kb4474419-v3-x	54 b5614c6cea5cb4e1987	717789633dca16308ef79c.msu				•
存檔類型(I): Microsoft Update Standalone						•
● 隱藏資料夾				存檔(S)	取消	

Figure 4-4:

4. If it shows can't download, please select save.

iUniTouch	Tool
IOIIIIOucii	1001

Microsoft Update Catalog - Google Chrome		×)
catalog.update.microsoft.com/DownloadDialog.aspx		
Download		
Download		簽章
Download Updates		
2019-09 Security Update for Windows 7 for x64-based Systems (KB4474419)		; Bert Cł
		<u>ijay@ess</u>
	Close	1
	·	下午 0
● 無法安全下載 「windows6.1-kb4msu」	全部顯示	×
(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)		
Mail		
퉬 MPTool_4302_URT		

Figure 4-5:

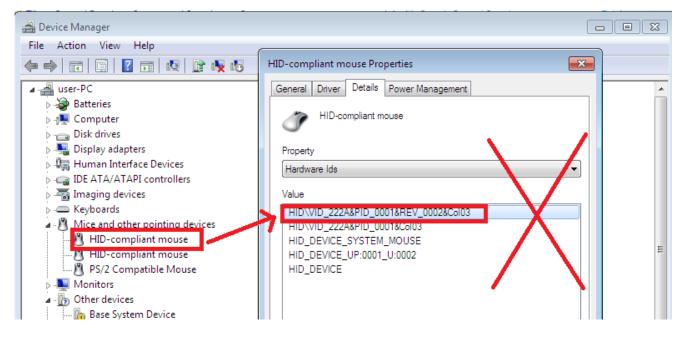
4.1.3 Install and Update driver of WinXP.

- 4.1.3.1 Check the device.
- 1. Check the Interface mode and Mouse mode settings of Tuning Tool,
 - a. Interface mode must be 1.
 - b. Mouse mode must be 0.

System	Position	NA	Basic	Separate	Grouping	Palm	Tracking	Filter	DeLCM	ABG	Hopping	Water	CDC	Key	
Item														Value	
FW_VERS	ION_C3(MS	B)												0x2	
FW_VERS	ION_C2													0x46	
FW_VERS	ION_C1													0x0	
FW_VERS	ION_C0(LS	B)												0×0	
USB_PID)													0×1	
POINT_L	.IMIT													10	
INTERFA	CE_MODE													1	
MOUSE_R	IGHT_EVEN	T_TRIGG	ERCNT											60	
MOUSE_R	IGHT_EVEN	T_DISTA	NCE											16	
INDUSTR	YMODE_FUN	CTION												3	
TOUCH_I	DLE_FRAME	_CNT												0	
TOUCH_I	DLE_TIME													50	
HID_IIC	_MODE													0	-
MOUSE_M	IODE													0	
MONITOR	_IDLE_CNT													1000	

2. Plug in TP and check device manager before install iUniTouch Tool, there is no any

PID 0x222A and VID 0x0001 device in HID-compliant mouse.



- 4.1.3.2 Install and update driver
- 1. Run the iUniTouch_Windows_V1.2.5.7_XP.exe to install driver and tool.

(The default folder is C:\iUniTouch_Tool\)

2. Find the "USB Human Interface Device" in Human Interface Devices and

Double-click on it to make sure the VID is 222a and PID is 0001.

🚇 Device Manager		
File Action View Help		
 USER-AD3D41553F Computer Disk drives Floppy disk controllers Human Interface Devices HID-compliant device HID-compliant device HID-compliant device USB Human Interface Device HID-compliant mouse Other devices HID-compliant mouse Other devices Human Interface Interface Device on High Definition Audio Bus Ethernet Controller Universal Serial Bus (USB) Controller 	USB Human Interface Device Properties General Driver Details USB Human Interface Device Hardware Ids USB\Vid 222a&Pid 0001&Rev 0002 USB\Vid_222a&Pid_0001	? ×
Hardware Profiles Hardware Profiles Hardware profiles provide a way for you to set up and store different hardware configurations.	ОК Са	ncel

3. Right-Click on it then selects "Update Driver..."

🗒 Device Manager 📃						
File Action View Help						
	× 🗶 🛃					
USER-AD3D41553F Omputer Disk drives Floppy disk controllers Minimum Interface Devices Minimum Interface Device Minimum Interface	rol device					
 USB Human Interface Device IDE ATA/ATAPI controllers Keyboards Mice and other pointing devices HID-compliant mouse Other devices Audio Device on High Defini Ethernet Controller Universal Serial Bus (USB) Controller 						
aunches the Hardware Update Wizard for the selected device.						

4. Select "No, not this time".

Hardware Update Wizard			
	Welcome to the Hardware Update Wizard		
	Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). <u>Read our privacy policy</u>		
	Can Windows connect to Windows Update to search for software?		
	🔘 Yes, this time only		
	Yes, now and every time I connect a device		
	⊙ No, not this time		
	Click Next to continue.		
	< Back Next > Cancel		

5. Select the "Install from a list or specific location (Advanced)"

Hardware Update Wizard
Image: Note of the system o
< <u>B</u> ack <u>N</u> ext > Cancel

6. Select the "Don't search, I will choose the driver to install" option, and then Next.

lardware l	Update Wizard
Please c	choose your search and installation options.
⊖ Se	earch for the best driver in these locations.
Us pa	se the check boxes below to limit or expand the default search, which includes local ths and removable media. The best driver found will be installed.
	Search removable media (floppy, CD-ROM)
	Include this location in the search:
	Browse
💿 Do	on't search. I will choose the driver to install.
Ch	noose this option to select the device driver from a list. Windows does not guarantee that
the	e driver you choose will be the best match for your hardware.
	< Back Next > Cancel

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7. Click the "Have Disk" button.

Hardware Update Wizard
Select the device driver you want to install for this hardware.
Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.
Show compatible hardware
Model
ILITek HID Touch Screen
This driver is digitally signed. Have Disk Tell me why driver signing is important
< <u>B</u> ack <u>N</u> ext > Cancel

8. Click the "Browse" button.

Install F	rom Disk	
	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	Browse

9. Browse the directory where you installed the driver, then select "ilifltr.inf"

and click **open**. (The default folder is C:\iUniTouch_Tool\Driver\x86)

Locate File			? 🗙
Look in: 🔯	x86	🔽 G 🟚 📂	
ilifitr inf			
ilimouse.inf			
2	-		
File name:	lilifltr	× L	Open
Files of type:	Setup Information (*.inf)	× [Cancel

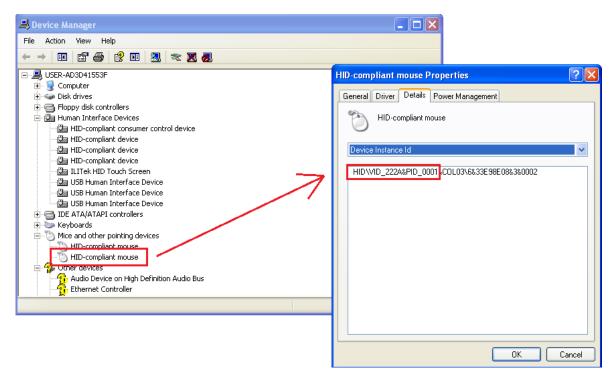
10. Click Continue Anyway

Har dwa	re Installation
<u>.</u>	The software you are installing for this hardware: ILITek HID Touch Screen has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

11. After installation completed, check the "HID-compliant mouse" device in

Mice and other pointing devices and double-click on it to make sure the VID is 222a and PID is

0001..



12. Right-Click on it then select "Update Driver..."

🚇 Device Manager	
File Action View Help	
E USER-AD3D41553F	
Human Interface Devices Hilder HID-compliant consumer control device HID-compliant device HID-compliant device	
HID-compliant device ILITek HID Touch Screen USB Human Interface Device USB Human Interface Device USB Human Interface Device USB Human Interface Device	
🗄 📹 IDE ATA/ATAPI controllers 🕀 🦢 Keyboards	
Mice and other pointing devices HID-compliant mouse	
HID-compliant mous Update Driver Disable Disable	
Uninstall	•
Launches the Hardware Update Wiz Scan for hardware changes	

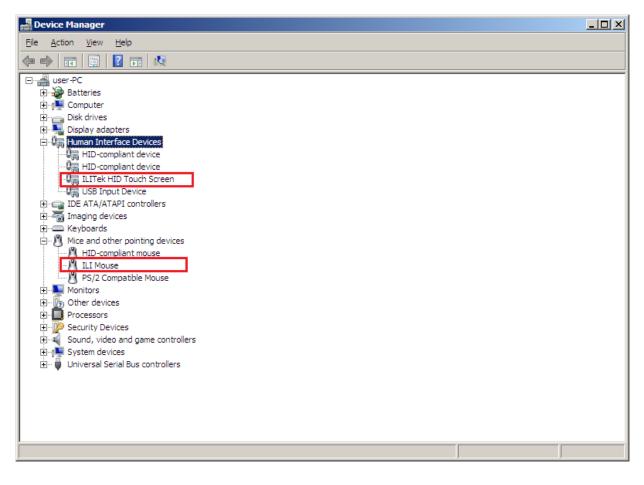
- 13. Repeat step 4 to 7
- 14. Browse the directory where you installed the driver, then select "ilimouse.inf"

and click open

Locate File			? 🗙
Look jn: ն	x86	💌 G 🦻	≓⊞
ilifltr			
Samouse			
File <u>n</u> ame:	T	~	
_	ilimouse		
Files of <u>typ</u> e:	Setup Information (*.inf)	×	Cancel

15. After installation completed, check the device manager again to make sure the drivers were

installed properly.



16. Run the iUniTouch_Tool.exe, switch to "Mouse" mode and click "SET" button.

() iUniTouch Tool V1.2.5.7						- 0 X	
Language							
TP List Mode Switch	fouch Behavior	FW Upgrade					
Touch Setting]				
Mode Switch	MOUSE	*					
Mouse mode settings							
Click Setting			Touch Function		ON	•	
Normal		•	Mouse Function with AP		OFF	•	
0	,	50 ms	Hide Mouse Cursor		OFF	•	
Beep sound settings							
Beep Sound	OFF	•	Beep Frequency		1000 Hz		
Device Selection	Speaker	-	Beep Duration		200 ms		
Beep Occasion	Beep On Touch	•					
Reset to default settings							
SET							

4.2 Linux system.

4.2.1 How to Disable Wayland

- 1. Open the file /etc/gdm3/custom.conf
- 2. Search for the WaylandEnable config. You should set it to false.

```
# GDM configuration storage
#
# See /usr/share/gdm/gdm.schemas for a list of available options.
[daemon]
# Uncoment the line below to force the login screen to use Xorg
WaylandEnable=false
# Enabling automatic login
```

- # AutomaticLoginEnable = true
- # AutomaticLogin = user1
- 3. Save the file and exit.
- 4. Reboot the system.

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