

User's Manual

Http://www.tsd-tech.com

TSD Electronics Technology Co.,Ltd

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Driver Installation

Currently TSD TouchScreen driver supports a variety of operating systems. The following provides a common Driver installation methods, and the rest of the operating system installation method can refer to the following installation methods and installation prompts to install execution.

First: Install TouchScreen Driver

1. Insert the driver CD into the CD drive or Download the driver files from the official website.

- 2. Double click to open the DRV_EN_WIn7_1402D_TSD folder.
- . Date modified Size Name Type 📗 amd64 2014/4/22 21:27 File folder i386 2014/4/22 21:27 File folder File folder 🗼 іаб4 2014/4/22 21:27 Application 📑 HidCalib 2014/4/22 21:24 54 KB hiddev 2014/4/22 21:27 Security Catalog 3 KB a hiddev 2014/4/22 19:42 Setup Information 6 KB hidfiltr 2014/4/22 21:27 Security Catalog 3 KB hidfiltr 2014/4/22 19:42 Setup Information 3 KB 👼 Setup 2014/4/22 21:24 Application 124 KB Setup_amd64 2014/4/22 21:24 Application 128 KB 🚮 Setup_ia64 2014/4/22 21:24 161 KB Application
- 3. Double click Setup.exe file.

4. The following screen appears, click "next".

	Welcome!	×
	Welcome! This program will install touchscreen drivers on your computer. It is strongly recommended that you exit all Windows programs before running this Setup program.	
R	To continue,click Next	
	< Back Next > Car	ncel

5. Choose what you connect computer port, then click "Next". If the port is a USB interface, click "Next" directly.

 Touchscreen port setting	×
Please choice the COM port of touchscreer install COM port driver and update all(serial driver:	n, click Next will and USB) devices
COM1 COM2	

6. Click "Finish", Installation is complete.

	Touchscreen Setup in progress	×
	Please Wait,Setup is doing some setup procedures on yo computer. This may take several minutes.	our
R	Status:	
	K Back Finish C	ancel

Second : TouchScreen parameter settings (Driver for winXP/2000/Win7)

1. In the Start menu, select HIDTouch menu in All Programs, then click "HidPanel" in the submenu.

Internet Internet Explorer	My Documents	THE REAL
E-mail Outlook Express	Set Program Access and Defaults Wind	
Cal	🌯 Windows Update	
Paint	Accessories Image: Solution Image: Games Image: Solution	
MSN	🛅 Startup 🔹 🕨	
Windows Media Playe	🐋 MSN	
Windows Messenger	 Outlook Express Remote Assistance 	
Tour Windows XP	 Windows Media Player Windows Messenger Windows Messenger 	
All Programs		Calibrat

. Functional interface appears as shown below
Touchscreen Properties
Calibration Settings Sound About
Primary Display
r rease calibrate your rouchscreen wrien.
* install touchscreen and software
* Change the resolution of display
* Cursor didn't match the position of your touch
OK Cancel Apply

Calibration

Click the red box part Calibration touch screen or in the start menu, select HIDTouch menu in All Programs, then click " Calibration" in the submenu.

🐮 Touchscreen Properties	X
Calibration Settings Sound About	
Primary Display Please calibrate your touchscreen when:	
* install touchscreen and software	
* Change the resolution of display	
* Cursor didn't match the position of your touch	
OK Cancel Apply	

- Click "Calibrate".
- Targeting red bull's-eye center on the screen followed by clicking.

• Click the "OK" button to complete the calibration.

[Advanced]

The driver supports multi-touch screen display and Combined display.

1) multi-touch screen display

Select the appropriate touch and Monitor calibration.

[*] Touchscreen P	roperties	
Calibration Settings	s Sound About	
TOUCH2 Monitor2 Monitor1 Monitor2 Please calibrate p * install touchscre * Change the res * Cursor didn't pa	your touchscreen when: een and software solution of display	

2) Combined display

According to the monitor way to choose different patterns .

💈 Touchscreen Properties	
Calibration Settings Sound About	
Primary Display Primary Display Prima	
* install touchscreen and software	
* Change the resolution of display	
* Cursor didn't match the position of your touch	
OK Cancel	Apply

Work mode setting (Settings)

Settings tab you can change the touch mode. (See the figure interface)



Click on touch : To simulate the mouse Click event when touch Screen .

Mouse emulation : The mouse emulation mode

Click on release : To simulate the mouse Click event for the finger off the screen .

Double click range : Double click on the region, in units of pixels; The greater the effective range of the value, the greater the double-click, makes it easier to touch the double-click

Touch sound choice (Sound)

Touch screen voice choice has three options (Beep need support).

💈 Touchscreen Properti	es 🛛 🛛
Calibration Settings Sound	About
Set Sound P.	arameters
	Sound Frequency
C Sound Down	Sound Duration
C No Sound	<u>-}</u>
	DK Cancel Apply

Sound Up: Sound when touched lifted.

Sound Down: Sound when the touch is pressed.

No Sound: Disable Sound.

Sound Frequency: Sound frequency settings.

Sound Duration: Sound Duration settings.

Third: Uninstall Driver

1. In the Control Panel, select Add or Remove Programs, select TSD TouchScreen Driver, and then click "Change Delete".

	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	*
Change or Remove	🔠 Intel(R) Management Engine Components		Size	24.96MB
Programs	🚮 Intel(R) Processor Graphics		Size	3.16MB
4	🛃 Microsoft .NET Framework 2.0		Size	88.50MB
Add New	🛃 Microsoft .NET Framework 3.0		Size	57.77MB
Programs	🔀 Microsoft Visual C++ 2010 x86 Redistributable - 10	.0.40219	Size	11.14MB
4	M5XML 6.0 Parser (KB925673)		Size	1.46MB
ta /Demour	🛃 REALTEK GBE & FE Ethernet PCI-E NIC Driver		Size	3.57MB
<u>Windows</u>	😹 Realtek High Definition Audio Driver		Size	68.54MB
•	To change this program or remove it from your comp	outer, click Change/Remove.	Change	/Remove
t Pr <u>og</u> ram ccess and Defaults				

2. Pop-up dialog box, as shown in.

1	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	Y
ange or emove ograms dd New ograms dd New ograms dd New ograms dd New ograms end dd New ograms end dd New ograms dd New dd New ograms dd New dd New d	Lote(2) Meascenert Fonire (Welcome!	Welcome! Welcome! This program will uninstal touchscreen drivers on your computer. It is strongly recommended that you exit all Windows programs before running this Setup program. To continue,click Next	Size Size Size Size Size Size Size Size	24.96M 3.16M 88.50M 57.77M 11.14M 1.46M 3.57M 68.54M
		KBeck Next > C	ancel	

3. Click "Next".

🐻 Add or Re	move Programs			🛛
	Currently installed programs:	Show updates So	t by: Name	~
Add New Programs Add New Programs Add/Remove Windows Components Set Program Access and Defaults	Intel® 1 Management: Engine C Removal in progress Image: Image of the second secon	Please Wait uninstall is doing some uninstall procedures on your computer. This may take serveral minutes.	Size Size Size Size Size Size Size Size	24.96/MB 3.16/MB 88.50/MB 57.77/MB 11.14/MB 1.46/MB 3.57/MB 68.54/MB (Remove
	-			

4. Click "Finish", and follow the prompts to restart the computer.



Warning: If you want to re-install the touch driver, you must in order to re-install the driver first uninstall the old version.

Ttouchscreen routine maintenance and common troubleshooting

Touch screen can be divided into four categories: surface acoustic wave touch screen, resistive pressure touch screen, capacitive touch screen sensors and infrared sensors touchscreen. In everyday use should be kept clean and the touch screen surface is clean, especially the surface acoustic wave touch screen, due to surface acoustic wave touch screen is by passing on the touch point of the ultrasonic signal attenuation positioning work, and more serious oil, water, etc. can ultrasonic absorption, resulting in inaccurate positioning the touch screen does not even work, so the touch screen for routine cleaning is required. Method is to use a soft towel and water-based glass cleaner, clean the touch screen surface. Clean the surface acoustic wave touch screen careful not to touch the screen above the fixed transducer and its connection to break something, clean the host computer will restart and recalibrate. Touch screen surface of water droplets or other soft glue on the surface, touch-screen misjudgment has caused surface acoustic wave touch screen, will clear it.

Common Problems and Solutions

Failure touch screen system in general and the software or hardware related. Determine the point of failure on the controller LED status based primarily on the judgment.

(A) Hardware failure

General hardware failure may be caused by the formation of a touch-sensitive screen, controller, cables, power supply, etc., if the fault can be powered through repeated diagnostic controller LED status discrimination and cross-validation to confirm the component failure:

Status indicator		
and cursor	Cause	Sovle
	Screen unsuccessfully to establish communication with the controller	Check the connection cables
Indicator light is normal,	Screen damage	Change Screen
but touch no response	Controller damage	change controller
	The controller is not powered	Check the connection cables, Connected the power cord
	Supply voltage instability	Choose a stable supply voltage
Indicator light stays off,	Screen can not communicate with the controller	Check the connection cables
touch no response	Controller damage	change controller
	Coordinate uncalibrated	Recalibration
Touch inaccurate	Touch screen is not cleaned for a long time	Disassemble equipment, cleaning striped area in addition to a touch screen
The cursor jumps without touching	Display Circuit disturbance to the controller or Screen	The controller away from sources of interference, plus the shield, in Screen plus EMI suppression devices Etc.
Touch the cursor jumping, and Indicator light flashing lights without rules	Touch screen or controller local adverse	Change Screen or controller

(B) Software failure

If the touch screen hardware is working properly, it may be due to abnormalities lead to software installation settings, please check the following steps:

◆ For touch screen system of Serial port, the driver installation process may be a touch screen in the selected serial number and touch Screen serial number is not actually connected to correspond, please uninstall the driver re-installation.

• For touch screen system of Serial port, whether the host device and the serial port resource conflict check and adjust various hardware devices.

If you can not resolve this issue, please contact as soon as possible with the support of our technology.

Note: If using the following changes need to be recalibrated.

- 1. Changing the display resolution
- 2. Replace the touch screen or control box
- 3. Replace the computer or monitor
- 4. After erasing dust

TouchScreen service commitments

If you have any suggestions or needs help for TSD TouchScreen products, please contact our service department customers.

Thank you for using TSD TouchScreen product!

Contact US:

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