

User's Manual

eGalaxTouch

Touch Panel Driver

Important

Please read this "User's Manual" carefully to familiarize yourself with safe and effective usage.

• For the latest product information including the "User's Manual", refer to our web site : www.eizoglobal.com

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Chapter 1 Introduction

1-1. Overview

eGalaxTouch is a driver required to use the following functions of EIZO touch panel monitors:

- Touch sounds
- Mouse emulation

HIDeGalaxTouch must be installed to enable touch sounds and the multi-touch function.

Compatibility between HIDeGalaxTouch, eGalaxTouch, and the standard Windows touch panel driver is as follows:

Functions	Standard Windows touch panel driver	HIDeGalaxTouch	eGalaxTouch
Touch sounds	-	\checkmark	
Mouse emulation	-	-	
Multi-touch operation (touch digitizer)	\checkmark	V	-

Attention

- Do not install both eGalaxTouch and HIDeGalaxTouch at the same time. Follow the steps below to switch drivers:
 - 1. Uninstall the driver that is currently installed. (See "5-1. Uninstalling" (P.25))
 - 2. Reboot the computer.
 - 3. Install the new driver.

1-2. System Requirements

The following shows the conditions that need to be satisfied to use eGalaxTouch:

OS*1	Windows 11 (64 bit)
	Windows 10 (32 bit / 64 bit)
	Windows 8.1 (32 bit / 64 bit)
Software	Windows 11 / Windows 10: .NET Framework 4.6
	Windows 8.1: .NET Framework 3.5
Storage	Approximately 70MB of free space / data file capacity on the system drive
Interface	USB

*1 EIZO support will end when OS vendor support ends.

Attention

• The available operating system varies depending on the model you are using. For details, refer to the User's Manual of the model you are using.

Note

• "Limited Touch Support" may be indicated in the system properties but this does not affect the operation of the touch panel.

1-3. Precautions

If this software is used under the following conditions, the software may not operate properly:

- Usage methods that are different from the instructions contained in this document.
- · Usage in conditions other than those specified in System Requirements above.
- Usage in an environment where mouse emulation software or any similarly functioning software is installed

EIZO shall not be liable in any way for any issues that may arise from using this software. Be sure to back up your system before installing this software.

Chapter 2 Setup

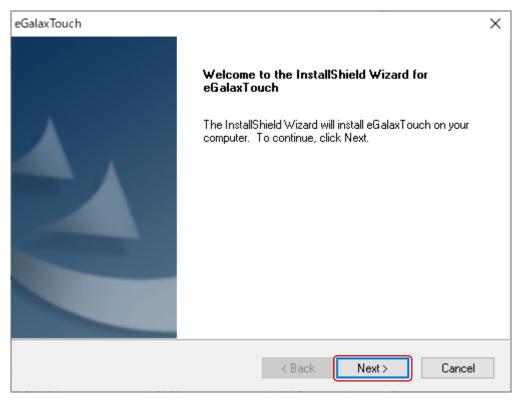
2-1. Installation

Attention

• You must have local administrative privileges for the user account. For information on user account privilege settings, contact your system administrator.

1. Open the file you downloaded from our website (www.eizoglobal.com) and click "setup.exe".

This starts the installation process.



3. Select "I accept the terms of the license agreement" and click "Next".

eGalaxTouch			>
License Agreement			
Please read the following license agreement carefully.			
 License The programs, including but not limited to software and/or firmware l referred to "Programs" or "PROGRAMS"), are owned by eGalax_eMPIA Ter 		^	
(hereinafter referred to "EETI") and are compiled from EETI Source code.			
 EETI hereby grants to Licensee a non-exclusive license to use the Progra sole purpose in conjunction with EETI's products, including but not limited to 			
circuit and/or controller (hereinafter referred to "Products").	-		
 Licensee may copy and distribute the Programs or copies thereof in any m provided that Licensee shall conspicuously and appropriately give the recipient 			
terms of this License along with the Programs or copies thereof.			
 Licensee may create any works based on the Programs or copies thereof works containing the Programs or any portion of it, either verbatim, with modi 	ifications.		
translated into other languages, using dynamic linking or static linking, herein	hafter referred	~	
I accept the terms of the license agreement	Print		
O I do not accept the terms of the license agreement			
nstallShield			_
<back next=""></back>	Canc	el	

eGalaxTouch	×
Setup Type	
Select the setup type that best suits your needs.	
Extra RS232 interface driver for eGalaxTouch controller. Please check the check box for RS232 touch controller.	
Install RS232 interface driver	
InstallShield	
< Back Next > Cancel	

5. Click "OK".



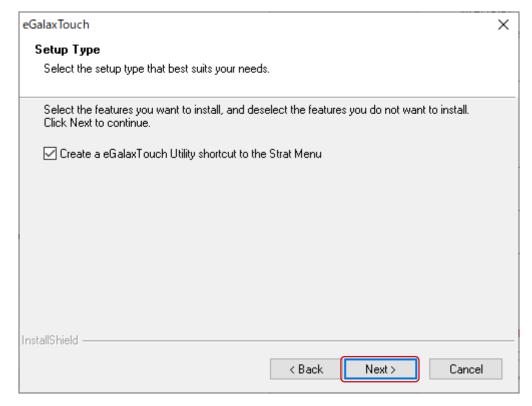
eGalaxTouch	\times
Choose Destination Location	
Select folder where setup will install files.	
Setup will install eGalaxTouch in the following folder.	
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.	
Destination Folder	
C:\Program Files (x86)\eGalaxTouch Browse	
InstallShield	
< Back Next > Cance	: I

7. Click "Next".

eGalaxTouch	×
Select Program Folder	
Please select a program folder.	
Setup will add program icons to the Program Folder listed below. You may type a name, or select one from the existing folders list. Click Next to continue.	a new folder
Program Folder:	
eGalaxTouch	
Existing Folders: Accessibility	<u>^</u>
Accessories Administrative Tools	
ATOK	
Canon Utilities DS-2	
EIZO	
EPSON Epson Software	× .
InstallShield	
< Back Next >	Cancel

eGalaxTouch	×
Setup Туре	
Select the setup type that best suits your needs.	
Select the features you want to install, and deselect the features you do not want to install. Click Next to continue.	
Create a eGalaxTouch Utility shortcut on desktop	
InstallShield	
< Back Next > Cancel	

9. Click "Next".



A shortcut for eGalaxTouch will be created on your desktop.



2-2. Multi-Monitor Settings

Carry out the following settings when connecting more than one monitor to a single computer.

Attention

- Do not use any of the functions that are not explained in this Manual.
- You must have local administrative privileges for the user account. For information on user account privilege settings, contact your system administrator.

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1. Launch eGalaxTouch.

2. Click "Monitor Mapping" in the General" tab.

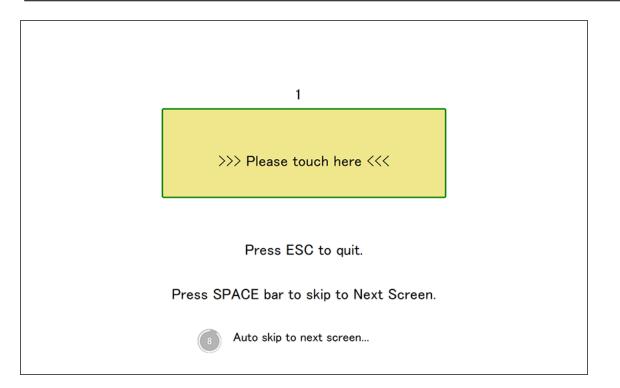
eGalaxTouch : USB Controller	×
General Setting Tools About	
Installed Touchscreen Controllers	
USB	
USB1	
Monitor Mapping Add Remove	
OK Cancel App	ply

3. If the monitor displayed in the following window is a touch panel monitor, touch "Please touch here". If not, press the space bar on the keyboard.

Repeat for each connected monitor.

Note

• Pressing "Esc" on the keyboard will cancel the settings.



Chapter 3 eGalaxTouch Functions

eGalaxTouch allows you to set and calibrate touch panel operations.

Attention

- Do not use any of the functions that are not explained in this Manual.
- You must have local administrative privileges for the user account. For information on user account privilege settings, contact your system administrator.

When connecting multiple monitors to a single computer, you first need to select the monitor that will be configured (with the "USB X" icon on the screen). The icon background will change to blue when it is selected.

eGalaxTouch : USB Controller	X
General Setting Tools About	
Installed Touchscreen Controllers	
USB1 USB2	
Monitor Mapping	Add Remove
Ok	Cancel Apply

3-1. Touch Sound Settings

This sets the timing for sounds played on each touch, and the device used for them.

1. Click the "Setting" tab.

2. Set the touch sounds.

eGalaxTouch : USB Controller	\times
General Setting Tools About	_
Beep Frequency Image: Beep On Touch 5. Image: Beep On Release 5. Image: Beep From System Beep 6. Image: Beep From Sound Card 6.	
 Linearization Style Ø Points Ø 25 Points 	
Double Click Time Shorter<< >>Longer	
Double Click Area Smaller<	
Normal Mode Option	
OK Cancel Apply	

1.	Beep On Touch	Checking this means a sound will play each time you touch the touch panel.
2.	Beep On Release	Checking this means a sound will play each time your finger leaves the touch
		panel.
3.	Beep From System Beep	Checking this means your computer will use the beep function in its
		motherboard.* ^{1.}
4.	Beep From Sound Card	Checking this means the sound will come from the speakers connected to your
		computer.
5.	Frequency	This sets the frequency (pitch) of the touch sound. Moving the slider to the left
		lowers the pitch, and moving it to the right increases the pitch.
6.	Duration	This sets how long the sound lasts. Moving the slider to the left reduces the
		time, and moving it to the right increases the time.

*1 Your computer hardware configuration may prevent touch sounds from being generated.

3. Click "Apply".

3-2. Double Click Settings

This sets the tolerance for the interval between touches and touch position changes to be recognized as a double click.

Attention

•	This	setting	is shared	among	all c	onnected	monitors.

1. Click the "Setting" tab.

2. Adjust double click settings.

eGalaxTouch : USB Controller					
General Setting Tools About					
Beep On Touch Frequency Beep On Release Duration Beep From System Beep Beep From Sound Card Linearization Style					
© 9 Points © 25 Points					
1. Shorter<					
2. Smaller << >>Bigger					
Normal Mode Option					
OK Cancel Apply					

1.	Double Click Time	This sets the time interval between two touches for them to be recognized as a
		double click. Moving towards "Longer" will increase the time interval between
		the first and second touch. Moving towards "Shorter" will decrease the time
		interval between the first and second touch.
2.	Double Click Area	This sets the tolerance for touch position differences to be recognized as a
		double click. Moving towards "Bigger" will increase the tolerance for position
		differences between the first and second touch. Moving towards "Smaller" will
		decrease the tolerance.

3. Click "Apply".

3-3. Mouse Emulation Settings

This sets what mouse operations that touch operations on touch panels are equivalent to.

1. Click the "Setting" tab.

2. Click the button showing "Normal Mode" (factory default) to set mouse emulation mode.

eGalaxTouch : USB Controller X
General Setting Tools About
Beep Frequency Image: Beep On Touch Image: Beep On Release Image: Beep From System Beep Duration Image: Beep From Sound Card Image: Beep From Sound Card
Linearization Style Ø Points O 25 Points
Double Click Time Shorter<
Double Click Area Smaller<
Normal Mode Option
OK Cancel Apply

Normal Mode	While the touch panel is being touched, it works the same as holding the left mouse				
	button.				
Click on Touch	When the touch panel is touched, it works the same as clicking the left mouse				
	button. If you move your finger against the screen, it will move the mouse cursor.				
Click on Release	When you remove your finger from the touch panel, it works the same as clicking				
	the left mouse button. If you move your finger against the screen, it will move the				
	mouse cursor.				
Click on Touch Without When the touch panel is touched, it works the same as clicking the le					
Moving Cursor	button. But if you move your finger against the screen, it will not move the mouse				
	cursor.				
Click on Release Without	When you remove your finger from the touch panel, it works the same as clicking				
Moving Cursor	the left mouse button. But if you move your finger against the screen, it will not				
	move the mouse cursor.				
Desktop Mode	When the touch panel is touched briefly, it works the same as clicking the left				
	mouse button. While the touch panel is touched for a longer time, it works the same				
	as holding the left mouse button.				

3. Click "Apply".

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3-4. Right Click Settings

You can set it so that touch panel operations are the same as using right clicks with a mouse.

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1. Click "Option" under the "Setting" tab.

eGalaxTouch : USB Controller	Х
General Setting Tools About	
Beep Frequency	
I Beep On Touch	
Beep On Release Duration	
I Beep From System Beep	
Beep From Sound Card	
Linearization Style	
C 25 Points	
Double Click Time	
Shorter<< >>Longer	
Double Click Area	
Smaller<< >>Bigger	
Normal Mode Option	
OK Cancel Apply	

- **2.** Check the "Enable Auto Right Click" box.
- **3.** Adjust the "Auto Right Click Time" slider to set how many seconds of continuous touch is equivalent to a right click.

Option	\times
Option	_
- Function	
Enable Constant Touch	
✓ Enable Auto Right Click	
✓ Enable Touch	
Enable Cursor Stabilization	
Constant Touch Area	
Smaller<<	
Auto Right Click Time 1000 ms Shorter<< >>Longer	
OK Cancel Apply	

4. Click "Apply".

3-5. Enabling/Disabling the Touch Panel

This sets whether the touch panel is enabled or disabled.

1. Click "Option" under the "Setting" tab.

eGalaxTouch : USB Controller X					
General Setting Tools About					
Beep Frequency					
Duration					
Beep From System Beep					
Beep From Sound Card					
Linearization Style © 9 Points					
C 25 Points					
Double Click Time					
Shorter<< >>Longer					
Double Click Area					
Smaller<< >>Bigger					
Normal Mode Option					
OK Cancel Apply					

.

2. Checking "Enable Touch" enables the touch panel. Removing the check disables it.

Option	\times
Option	
Function Enable Constant Touch Enable Auto Right Click Enable Touch Enable Cursor Stabilization Constant Touch Area Smaller<<	
Auto Right Click Time Shorter<<	
OK Cancel Apply	

3. Click "Apply".

3-6. Calibrating Touch Position

This is used to calibrate the position of the cursor to make it match where you actually touch the screen.

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1. Click the "Tools" tab.

2. Click "4 Points Calibration".

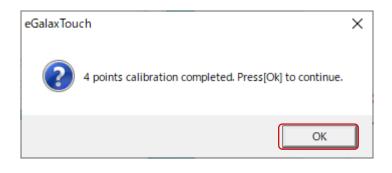
💽 e0	eGalaxTouch : USB Controller X							
Gen	General Setting Tools About							
L	inearization Curve							
	4 Points Calibrati	ion	Do 4 points	alignm	ent to matc	h displi	ay.	
	Clear and Calibrate		Clear linearization parameter and do 4 points alignment.					
	Linearization		Do 9 points linearity.	lineariz	ation for be	tter tou	uchscreer	۰
	Draw Test		Do draw te	st to ver	ify the touc	h accu	racy.	
			OK		Cance	9	Арр	Jy

3. Touch the center of the marker displayed in the window.

Touching the marker causes the next marker to appear. Touch the center of the new marker. When all the markers are touched, calibration is completed.



4. Click "OK".



3-7. Draw Test

This checks the draw function of the touch panel.

1. Click the "Tools" tab.

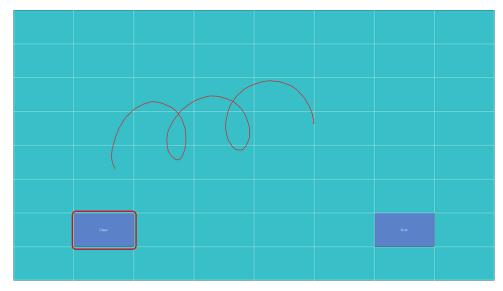
2. Click "Draw Test".

eGalaxTouch : USB Controller					×		
Gen	neral Setting Too	ols	About				
L	Linearization Curve						
	4 Points Calibrat	ion	Do 4 points	alignme	ent to matc	h display.	
	Clear and Calibrate		Clear linearization parameter and do 4 points alignment.				
	Linearization		Do 9 points linearity.	lineariza	ation for be	tter touchscr	reen
	Draw Test		Do draw te	st to veri	fy the touc	h accuracy.	
			OK		Cance	ر I	Apply

.

3. Do the Draw Test.

Touch "Clear" to delete what you drew.



4. Touch "Quit".

Chapter 4 Troubleshooting

Symptom	Cause and countermeasure
1. The mouse cursor does not	Uninstall the touch panel driver, and then install it again. (See "2-1.
appear.	Installation" (P.5) and "5-1. Uninstalling" (P.25).)
	 Uninstall HIDeGalaxTouch if it is installed.
2. The cursor position is displaced /	Calibrate the touch position (see "3-6. Calibrating Touch Position"
the cursor jumps.	(P.20)).
	 Turn the monitor off then on again.
	 Run Offset Calibration and calibrate the touch panel sensitivity.
3. The touch operation does not	 Confirm that the USB cable is correctly connected.
work.	 Confirm that "Enable Touch" is checked in "Option" under the
	"Setting" tab.
	 Check the touch panel monitor User's Manual and confirm that
	touch operation on the touch panel monitor is enabled in the monitor
	functions.
	 Restart the setting tool of the touch panel driver, or reboot the
	computer.
	 If using multiple monitors, check that the cursor is not being
	displayed on another monitor.
4. Right-clicking does not work.	Confirm that "Enable Auto Right Click" is checked in "Option" under
	the "Setting" tab.
5. The touch sound is not emitted.	Change the touch sound settings (see "3-1. Touch Sound Settings"
	(P.13)).
	If "Beep From Sound Card" is selected under "Beep" in the "Setting"
	tab, check the following:
	 Is the output device appropriate for the Windows settings selected?
	 Try increasing the volume. Increase the touch sound frequency (see "3-1. Touch Sound
	Settings" (P.13)).
	 If "Beep From Sound Card" is selected under "Beep" in the "Setting"
	tab, your computer hardware configuration may prevent touch
	sounds from being generated.
6. (Multiple monitor configuration)	See "2-2. Multi-Monitor Settings" (P.10) to associate the monitor
When touching the screen, the	with the touch panel.
cursor appears on a different	
monitor.	

Chapter 5 Reference Information

5-1. Uninstalling

Attention

• You must have local administrative privileges for the user account. For information on user account privilege settings, contact your system administrator.

- **1.** Click the "Start" button, then "Settings", then "Apps".
- 2. Select "eGalaxTouch" from the list and click "Uninstall".
- 3. Click "OK".

Confirm Uninstall		×
Do you want to completely remove the its features?	e selected application and all of	
	OK Cancel	

4. Select "Yes, I want to restart my computer now." and click "Finish". Your computer will reboot automatically.

eGalaxTouch	
	Removed eGalaxTouch The eGalaxTouch driver has been removed. To ensure proper operation the computer needs to be restarted. Yes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup.
< Back Finish Cancel	

Appendix

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