

STMicroelectronics TouchChip (R) Fingerprint Sensor

1.0 USB installation notes:

This diskette contains the file needed for plug and play installation of the STMicroelectronics TouchChip (R) Fingerprint Sensor for USB.

2.0 Installation Overview

You will need a TouchChip USB Sensor, this diskette, and the Windows '98 CD. During the installation Windows will install the "StillImage" device class. If this is the first time you are adding a device of this class, Windows will require you to reboot your machine.

3.0 Procedure:

Plug in the sensor. You should see the Windows "Add New Hardware Wizard" appear. Follow the instructions. When you see "What do you want Windows to do?", select "Search for the best driver for your device. (Recommended)". Depending on which version of the sensor you have, you may have to go through the Add Hardware process several times for each of the functions the device supports (mouse, sensor, etc.) . When Windows asks you where to look for new drivers, you should select the "Floppy disk drives" and "CD-ROM drive" option. Have your Windows '98 CD in the CD-ROM drive, and have this diskette inserted in a floppy drive.

Once you have installed all the drivers, they will be loaded automatically every time the sensor is connected.

4.0 Verifying Installation:

You can verify the installation and functioning of the USB driver in the following way:

First make sure the device is attached. Open the System properties control panel by selecting Start:Settings:Control Panel:System. When the System Properties window appears, click on the "Device Manager" tab. Scroll down to "Scanning Device" and you should find "STMicroelectronics TouchChip Fingerprint Sensor" as one of the listed devices. Select this device and click on the "Properties" button. When the properties window appears, you should be able to see "This device is working properly" under the "Device Status" field of the "General" tab. Select the "Driver" tab, then click on "Driver File Details". You should see C:\WINDOWS\SYSTEM32\DRIVERS\usbscan.sys
C:\WINDOWS\SYSTEM\VMM32.VXD(ntkern.vxd)
If you do not see this, try reinstalling the driver:
Go back to the "System Properties: Device Manager" tab. Select the "STMicroelectronics TouchChip Fingerprint Sensor" and then hit the "Remove" button. Unplug the device and then plug it back in to restart the plug and play.

**FCC NOTICE
INFORMATION FOR THE USER**

FCC ID: O725346X

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1) Reorient or relocate the receiving antenna.
- 2) Increase the separation between the equipment and receiver.
- 3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4) Consult the dealer of an experienced radio/TV technician for help.

The user may find the following publication prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems" (Stock Number 004-000-00345-4).

Available exclusively from the Superintendent of Documents, Government Printing Office, Washington, DC 20402 (telephone 202-512-1800).

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance to Part 15 of the FCC Rules could void the user's authority to operate the equipment.