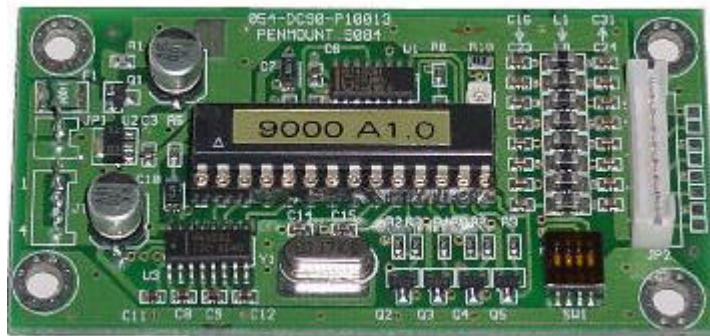


PenMount 9084 Setup and Users Manu

DMC9000 for Windows 2000 V2.0



PenMount 9084 control board is the new control board from Salt, its touch screen controller is DMC9000 that interfaces analog resistive touch screens to a personal computer through its COM port. PenMount 9084 control board is designed to have a small mechanical size in order to be located inside the system easily. Together with PenMount driver counterparts on various, PenMount9084 control board becomes the most popular touch screen solution worldwide. It's designed to have LED one board to show the touch status and also bundled with three interface cables, customer only needs to power in 5V to 12V DC power to the board, and via RS-232 interface to computer system, PenMount touch screen solution is in your hand.

Resolution: 10 bit (1024*1024)

PenMount 9084 Control Board Features:

Design for best touch performance and easy configuration

Design for best cost arrangement

Supporting 1024*1024 pen device resolution

Built-in 10-bit A/D converter inside the DMC9000

Fast conversion and transmission, 19200 baud rate fixed

Upgraded noise handling mechanism (3 level scheme)

Fixed and high speed sampling rate

4-wire and 8-wire touch screen supported

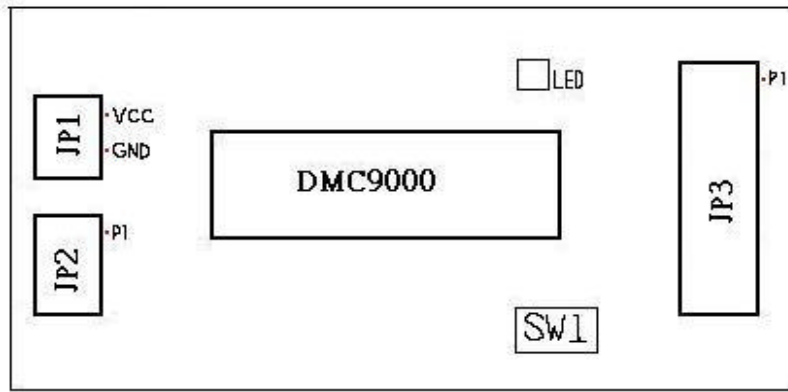
RS-232 interface supported

5V to 12V power input

Power protection fuse to protect the circuit

Touch activated indication LED on board

PenMount 9084 Control Board Description



JP1:

Power cable: 5V to 12V DC power

JP2:

RS-232 cable connector: PIN1: RTS

PIN2: TXD

PIN3: RXD

PIN4: GND

JP3: Touch Screen cable, for 4-wire or 8-wire touch screen

SW1: always set at "ON" for 4-wire or 8-wire touch panel

PenMount 9084 Control Board Hardware Installation

1. *Connect the RS-232 cable to JP2 on the control board.*
2. *Connect the RS-232 cable's DB-9 female connector to a nine pin serial COM port on the back of the computer.*
3. *Connect the touch screen to the controller using one of the controller interconnect cables (4-wire or 8-wire).*
4. *Connect the DC power cable to JP1. (5V to 12V)*

PenMount DMC9000 For Windows 2000 Software Installation

This driver supports Windows 2000. PenMount Windows 2000 driver detail contents are list as below:

'DMC9000.inf'

'DMC9000.sys'

'SETUP.EXE'

To install the software to your computer, you must have Windows 2000 system running. If you have an older version PenMount Windows 2000 driver installed in your system, please remove it first. Follow up the steps below to install the PenMount Windows 2000 driver.

Insert PenMount drivers CD-ROM



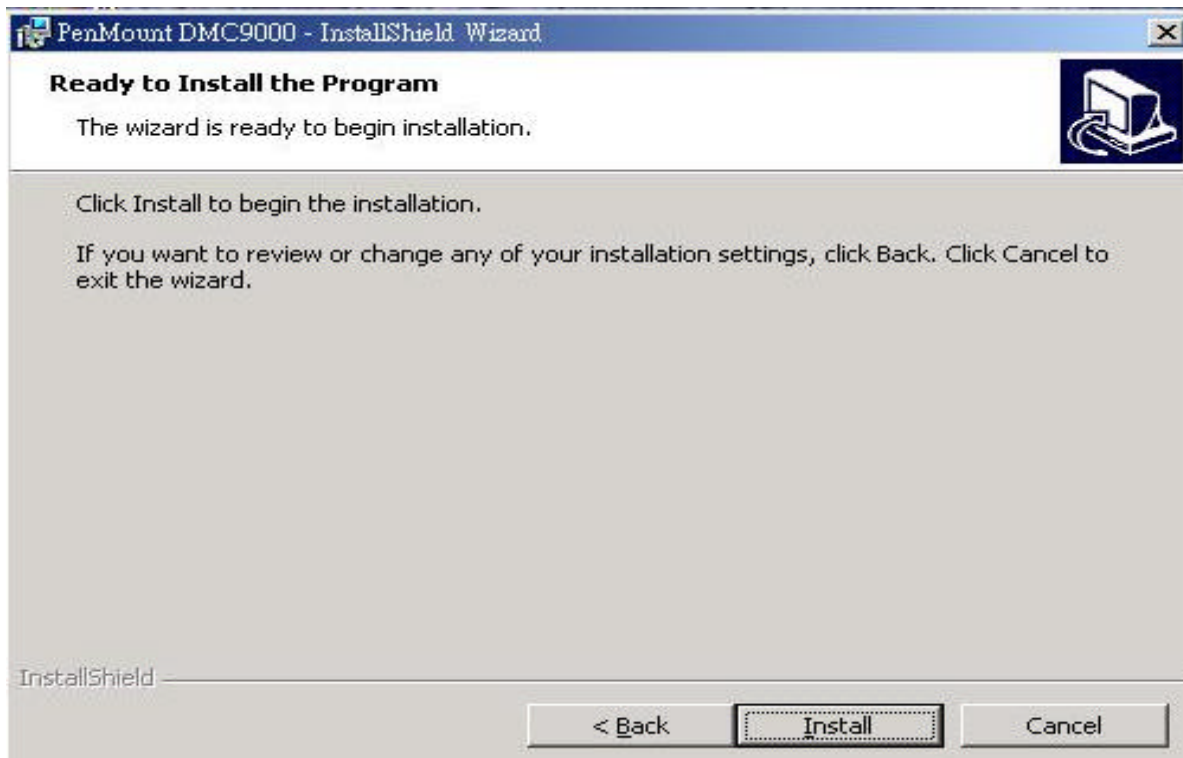
1. The screen displays copying "installation wizard" and "PenMount Utilities Installation" screen plus "welcome" message appear. Select "Next".



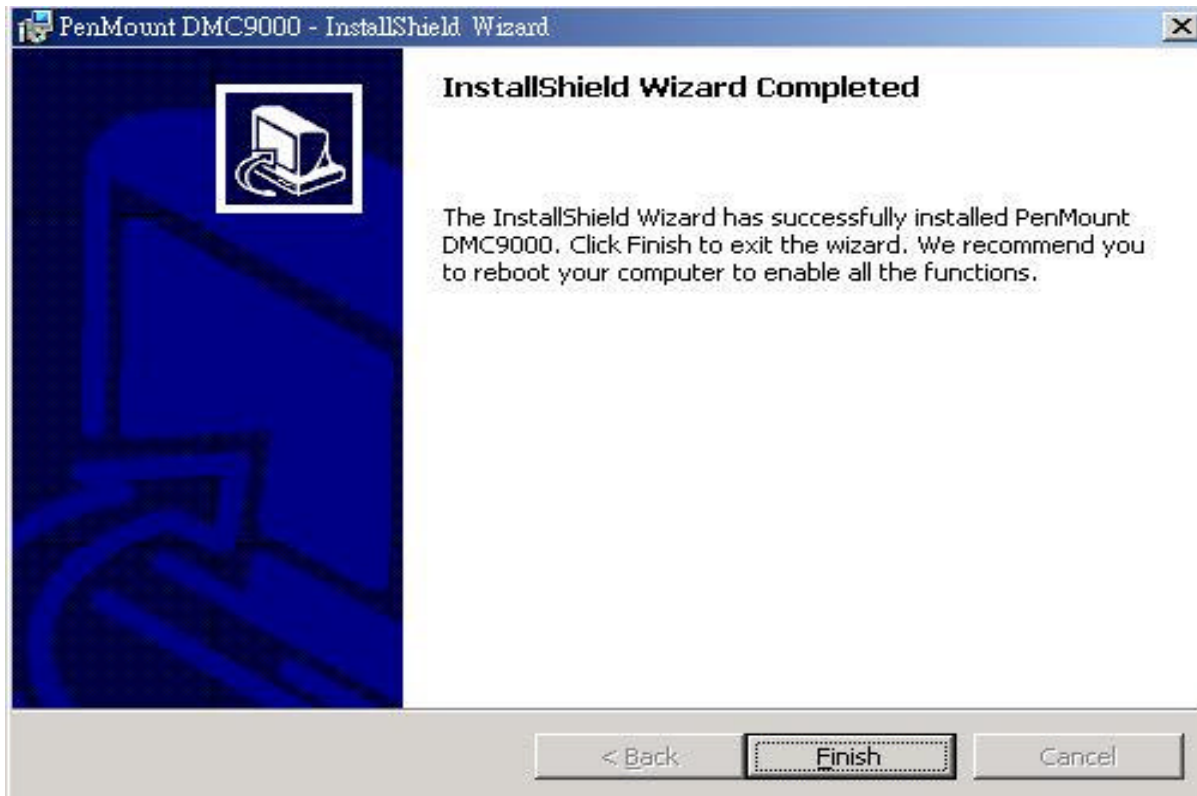
2. The next screens are "Software License Agreement", select "I accept" and "Next".



3. The next screen is "Ready to Install the Program", Select "Install".



4. The next screen is "InstallShield Wizard Completed ", Select "Finish".

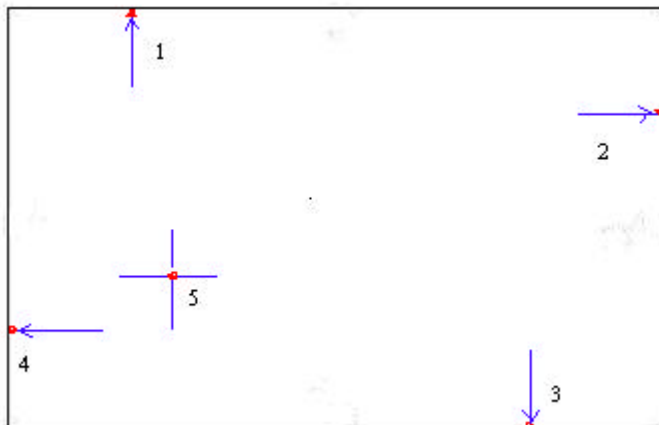
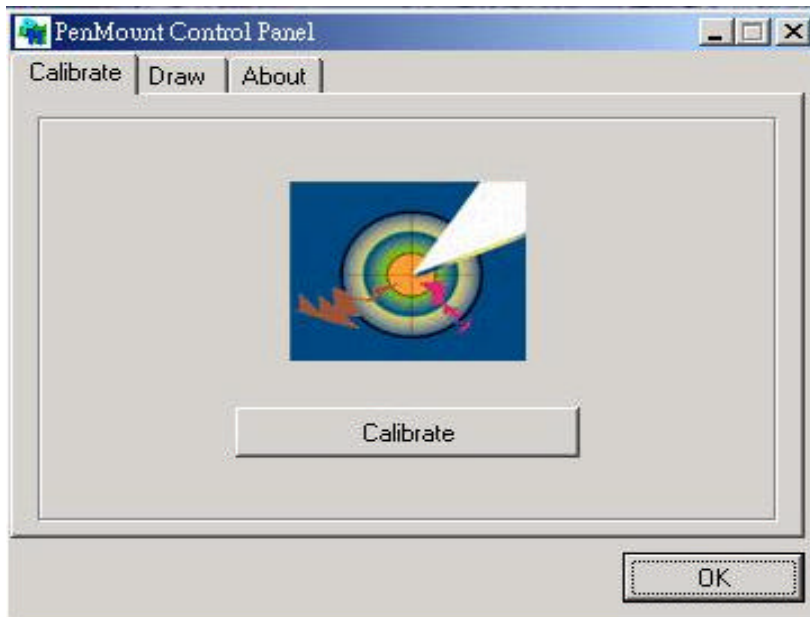


PenMount Windows 2000 Driver Functions

A. PenMount control Panel

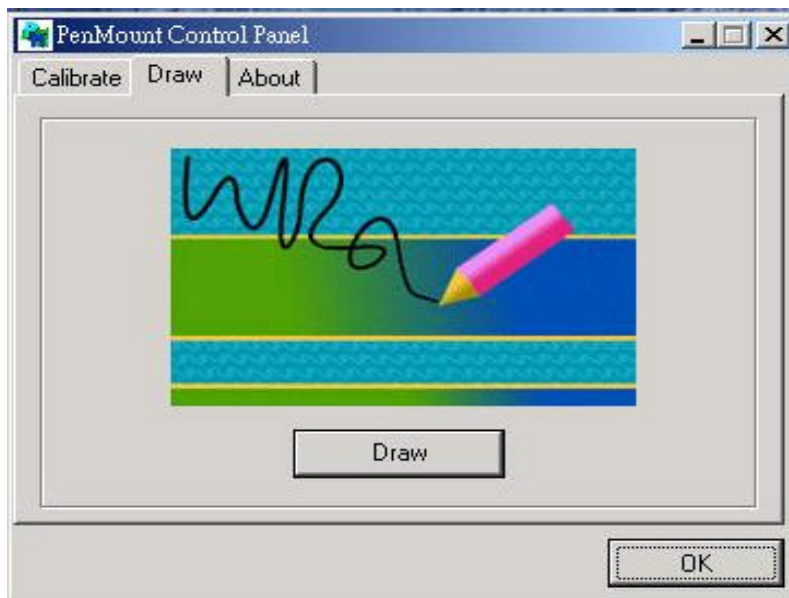
Calibrate:

To adjust the display with touch panel, click "Calibration" and follow the calibrate point to do calibration, there are five points on screen for calibration.



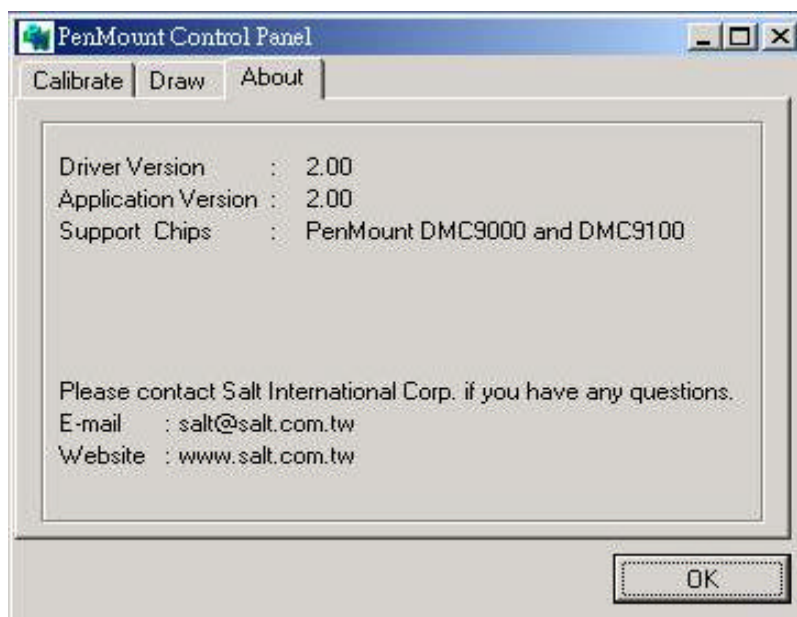
Draw

. Test or demonstrate PenMount touch screen operation, also the touch location is shown on the display, touch "DRAW" to start



About:

It shows information about PenMount controller and this driver



B. PenMount monitor

The PenMount monitor icon is shown in the menu bar of Windows 2000 system when turn on PenMount Monitor from PenMount Utilities. There are several functions on PenMount monitor :

**Right Click Button:**

When select this function, there is a mouse icon shown in the right-bottom place of screen. It shows 'left button' being as default for normal use, touch this mouse icon to change the next touch to be 'Right Button' function. After one touch, the mouse icon will change to 'Left Button' automatically. If user needs to use right button again, user has to touch the mouse icon again for changing the button function.

Beep

Turn on or off beep sound.

Exit:

Close the PenMount Monitor function.

How to uninstall PenMount Windows2000 driver

Before you uninstall PenMount Windows 2000 driver, please 'EXIT' 'PenMount Monitor' that is in menu bar first.

From 'Control Panel' of "Settings", select "Add/Remove program", select 'PenMount DMC9000' and select "Add/Remove" button.

