Document name: PT90 Upgrade firmware procedure

Document No: P90-1009002

Introduction:

Please check system information first.
If the FW version is newer than the firmware which you want to upgrade,
It doesn't need to upgrade firmware again.
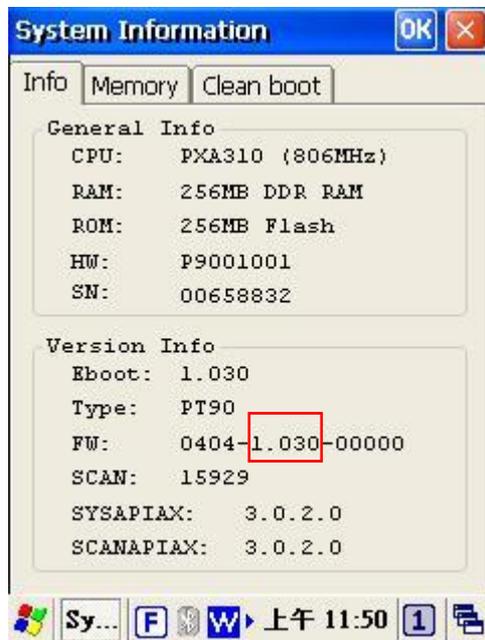
System info

Upgrade firmware Procedure:

1. Copy the bin file (P9XCE60R.bin) and P9XUtility.cab to root directory of Micro SD card.

   Note: The file name must be "P9XCE60R.bin" and "P9XUtility.cab"– do not rename it
2. Insert the Micro SD card into PT-90 series.
3. Plug the power adapter into the PT-90.
4. Do cold reset (press power key and reset key at the same time).

Date: 9/17/2014

Picture1   Picture2

5. When you see screen like picture1, please press Func key and · key immediately.
6. It will show Upgrading like picture3.
7. If you don't press hot key immediately, it will show Loading OS like picture2.
8. When your screen show Loading OS like picture2, please return to step4.
9. Then Press **ENT** to start upgrading.
10. Upgrading will cost 5~10 minutes like picture4.
11. After the image successfully update, the PT-90 automatically cold-starts with the new OS.

Date: 9/17/2014
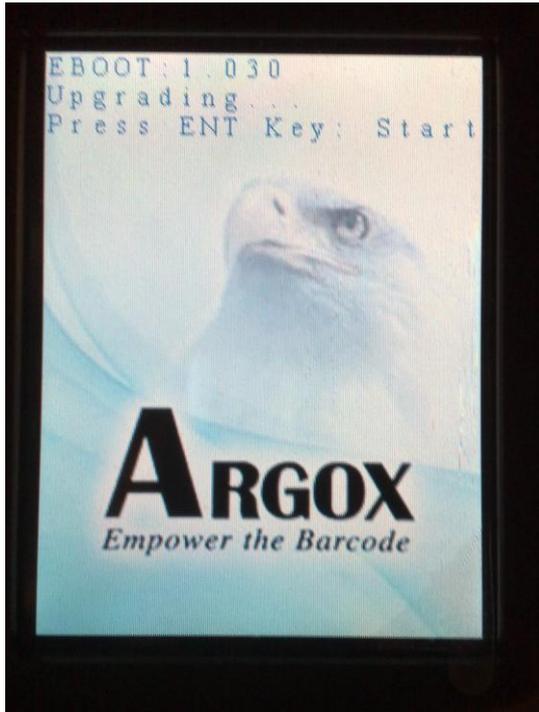
Picture3   Picture4

PS.   The format of SD card must be FAT32.
       If it shows error message [Read File Error], please use
       "complete format" SD card again.

USB driver install Procedure:

XP OS system:

a01) please install ActiveSync first.
a02) after upgrade new firmware, user needs to install new PT90 USB
        driver when PT90 connect PC via USB.
a03) Connect PT90 to PC via USB, it shows a message like picture5.

picture5

a04) OS shows a window to search driver like picture6.

Date: 9/17/2014

a05) Please select No, not this time.

picture6

a06) then select install from a list or specific location (Advanced) like picture7.

picture7

Date: 9/17/2014
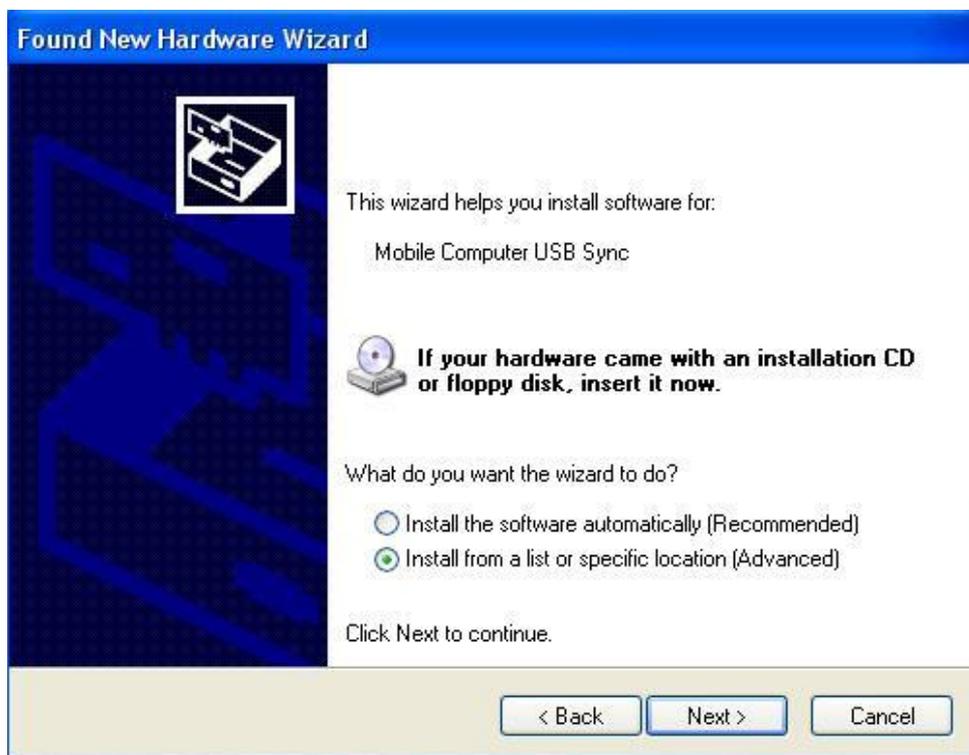
a07) after press Next button, it shows a window like picture8.
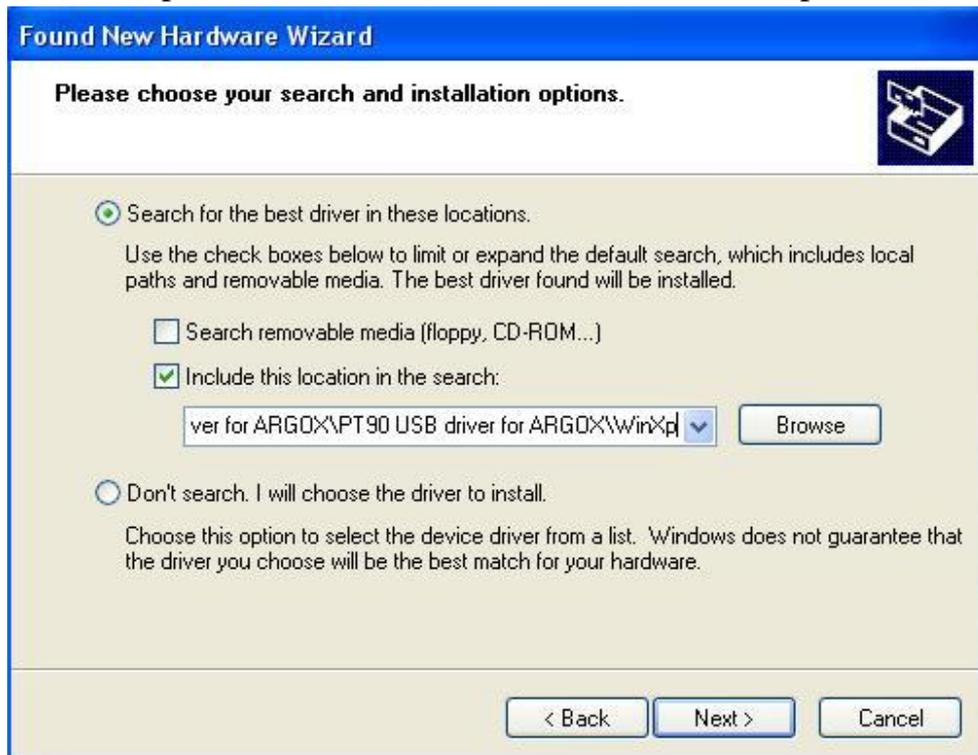
picture8

a08) it needs driver files wceusbsh.inf and wceusbsh.sys.

a09) please copy these two files to PC in the same folder and press browse button to search the folder like picture8.

a10) please press Next button to install driver.

a11) after install success, OS shows a message like picture9.

Date: 9/17/2014

picture9

PS. 1. Every USB port needs to install PT90 USB driver again.
     2. Please install ActiveSync first.
     3. Please don't copy these two files from CD.

Vista OS system:

b01) ActiveSync only support XP OS system. On Vista OS system, it only
     supports Microsoft Windows Mobile Device Center.
b02) please download from Microsoft website.
     Below is a download link for reference.
     http://www.microsoft.com/downloads/details.aspx?displaylang=en&
FamilyID=46f72df1-e46a-4a5f-a791-09f07aaa1914
b03) it needs driver files wceusbsh.inf and winusb.sys.
b04) Connect PT90 to PC via USB, it shows a message like picture10.
b05) select Locate and install driver software.

Date: 9/17/2014

picture10

b06) Select "I don't have the disc. Show me other options" like picture11.
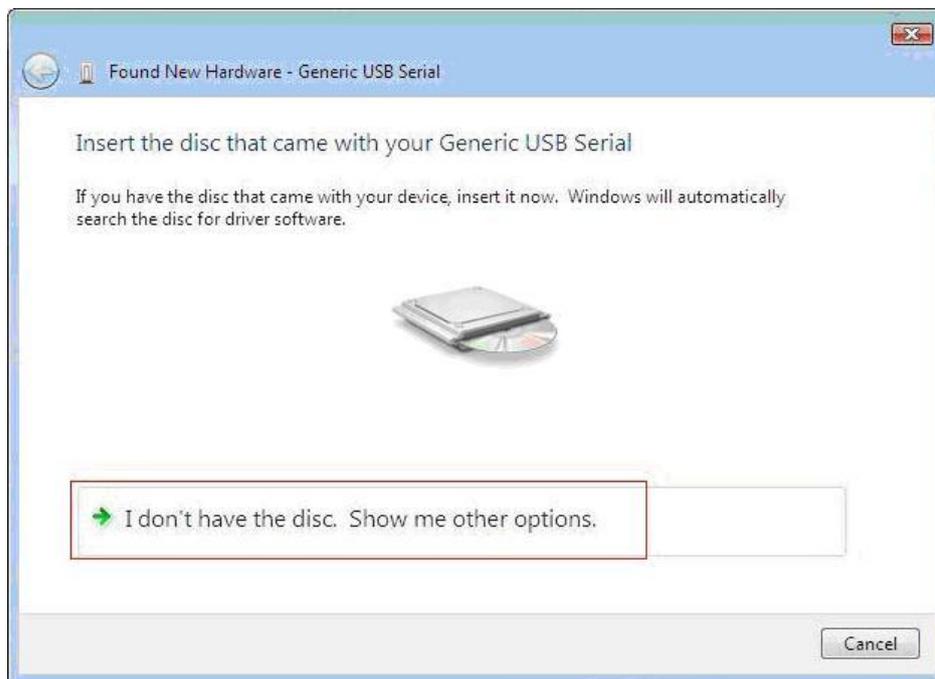
picture11

b07) select "Browse my computer for driver software" like picture12.

Date: 9/17/2014
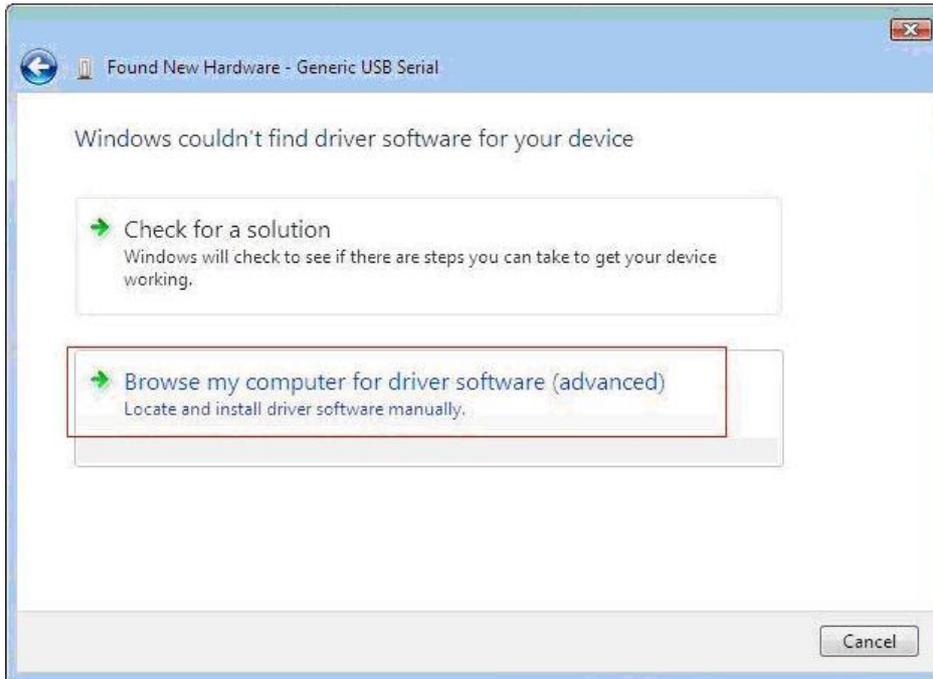
picture12

b08) select browse the folder which has two driver files.

picture13

Date: 9/17/2014
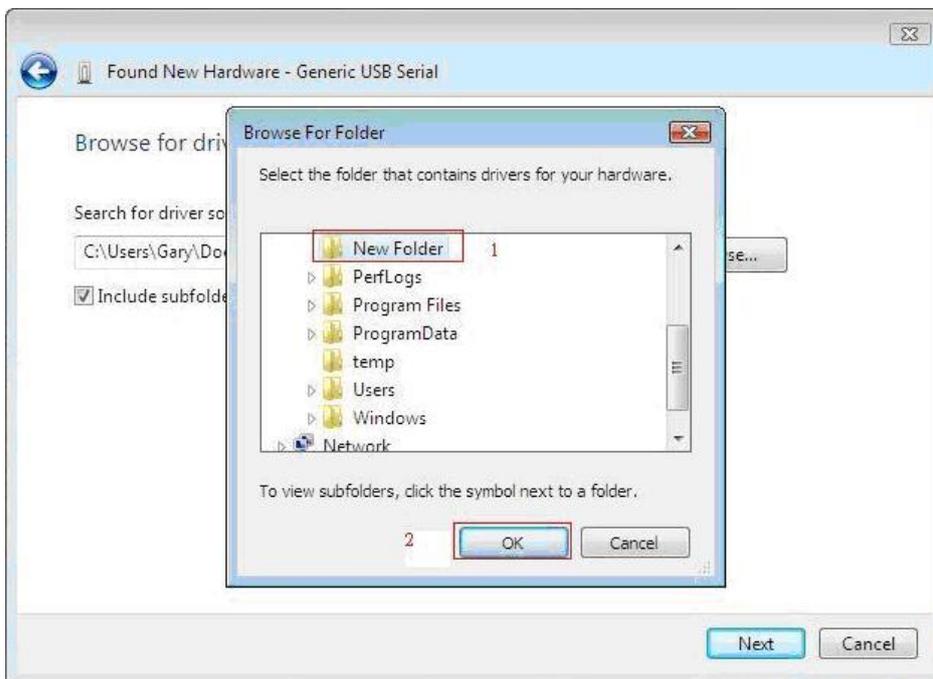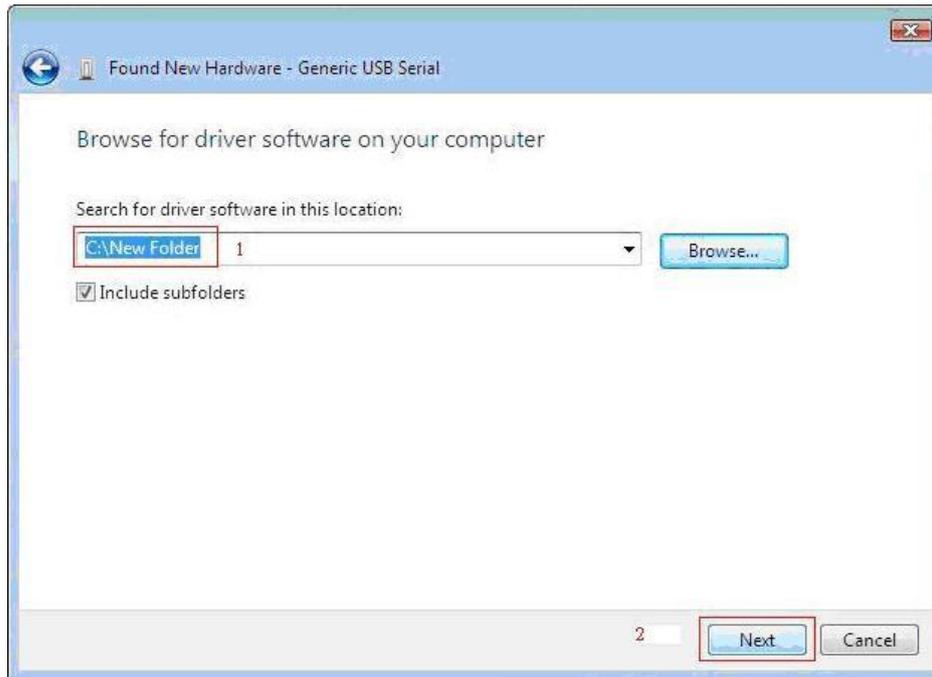
picture14

B09) Select "Install this driver software anyway" like picture15.

picture15

b10) after install finish, OS shows a message like picture

Date: 9/17/2014
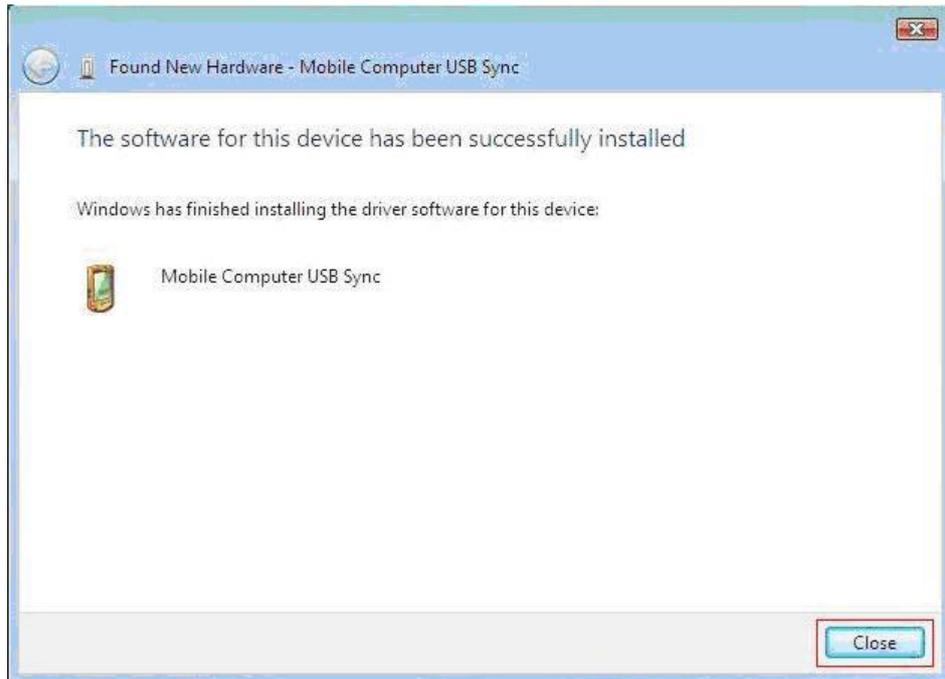
picture16

b11) if user installed wrong driver, please follow below steps

b12) Plug in PT90 USB cable then check Device manager like picture17. If shows "wceusbsh.sys", please follow b13 and b14 steps to remove it.

picture17

Date: 9/17/2014
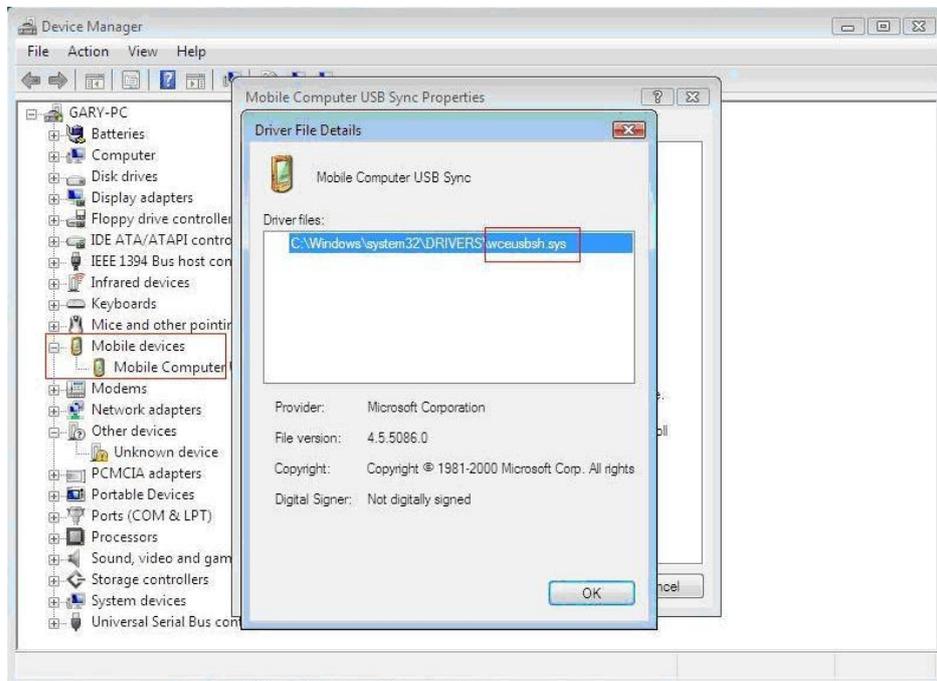
b13) select "Mobile Computer USB Sync" and choose uninstall like picture 18.
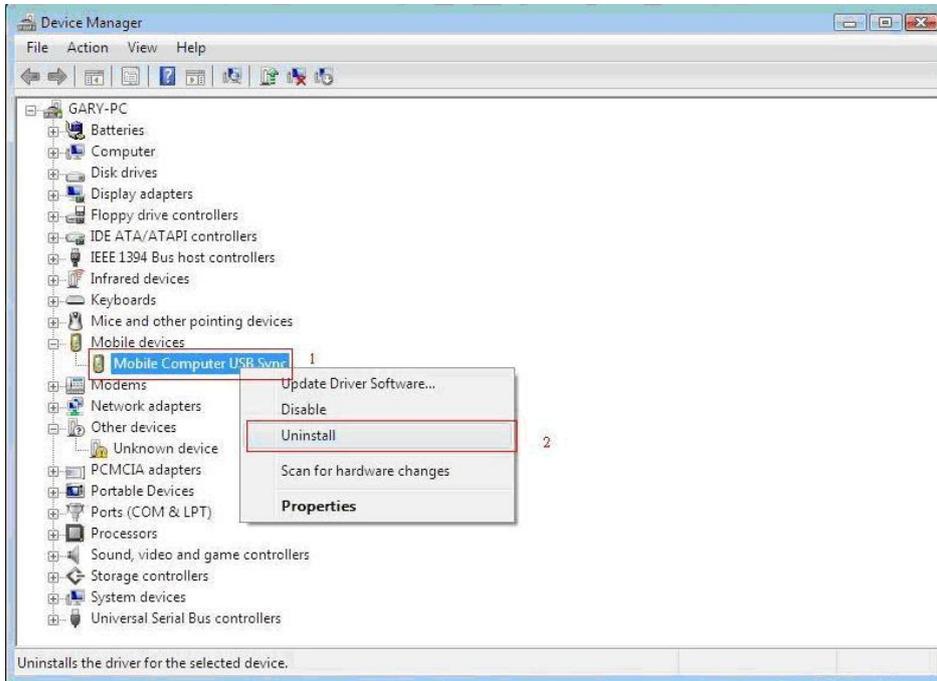
picture18

b14) tick the check box and press ok button like picture19.
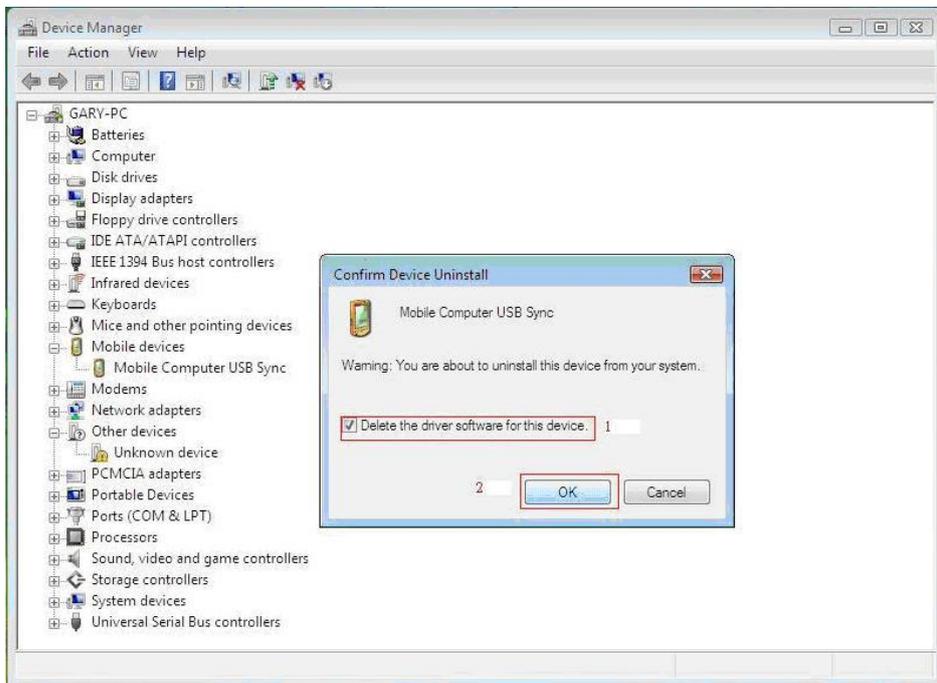
picture19

b16) after remove wrong, please install driver again.

Date: 9/17/2014

Win7 OS system:

C01)   On Vista OS system, it only supports Microsoft Windows Mobile Device Center.

C02)   if your OS system is 64bit, please download 64bit version Windows Mobile Device Center from Microsoft
http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=4f68eb56-7825-43b2-ac89-2030ed98ed95

C03)   if your OS system is 32bit, it needs driver files wceusbsh.inf and winusb.sys.
If your OS system is 64bit, it needs driver files wceusbsh.inf and wceusbsh.cat

C04)   Connect PT90 to PC via USB, it shows a message like picture

Published By:
Mobile Devices Business Unit
Argox Information Co., Ltd.
http://www.argox.com

Date: 9/17/2014