

MM10 Operating System update (20120627)

I. PC requirement

System requirement: WIN7/32 bit operating system (figure 1.1).

In order to check your PC configuration press:

- 'Start'
- Right click on 'Computer'
- 'Properties'

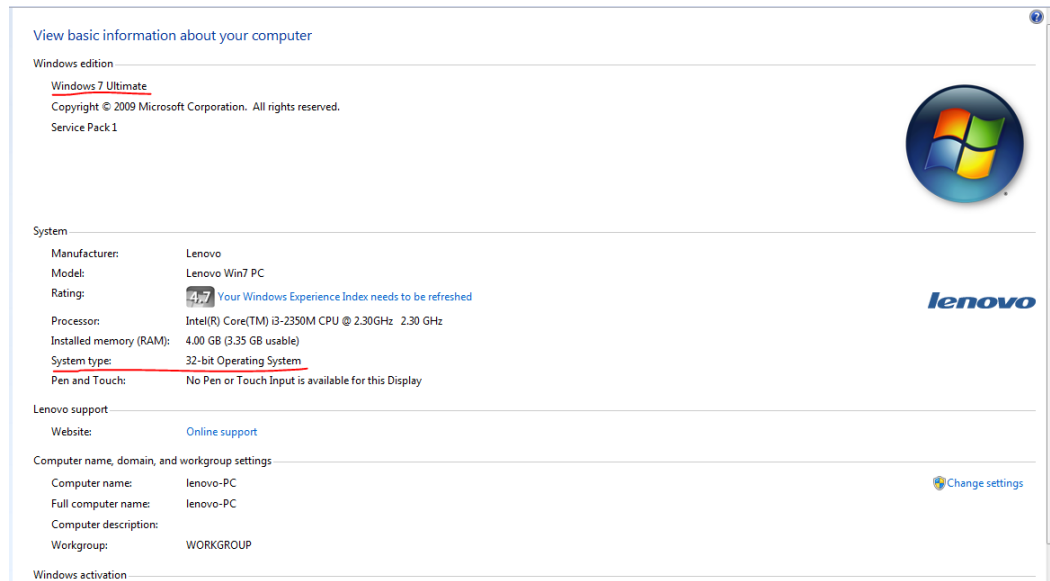


figure1.1

II. OS Update Tool installation

In order to update MM10 Operating System, Hisilicon toll (IDT) has to be installed on the PC.

The tool can be found on <ftp://ftp.ashtech.com/Mobile%20Mapping/MobileMapper%2010/> in the Operating System/ OS update tool section

IDT software tool installation:

Step 1: Double click IDT.exe, turn into installation as figure 2.1:

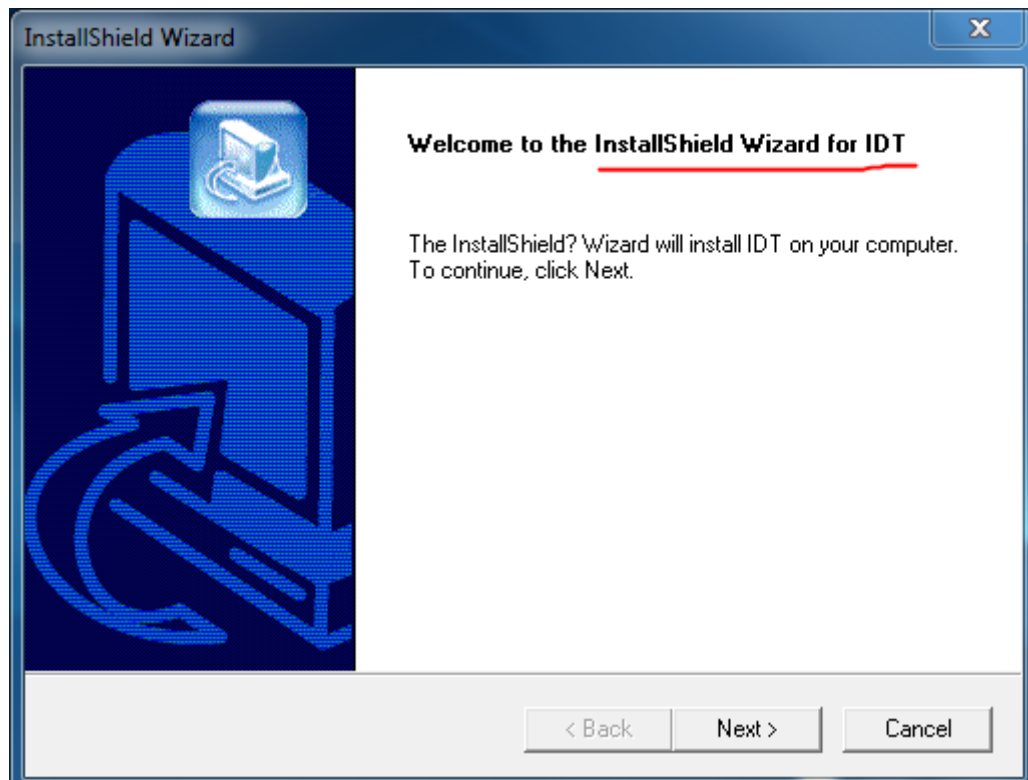


figure2.1

Step 2: Click Next, as figure 2.2:

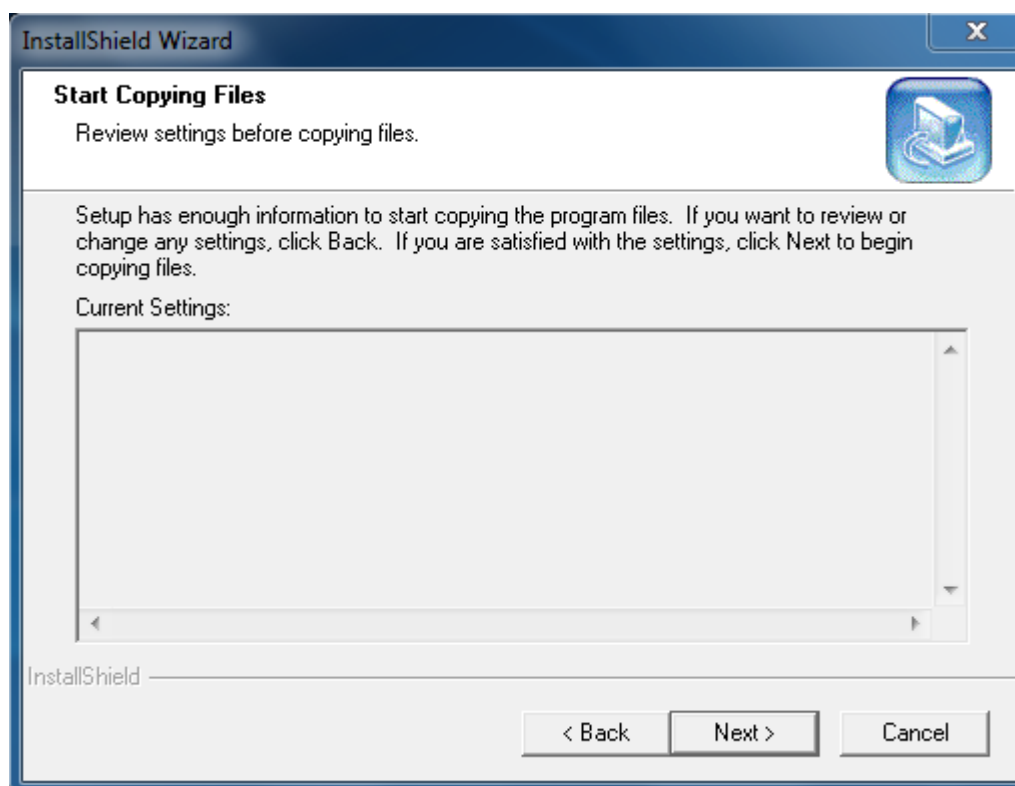


figure2.2

Step 3: Select directory where you want to install the software, here we select 'C:\Program Files\HiSilicon\IDT', as figure 2.3:

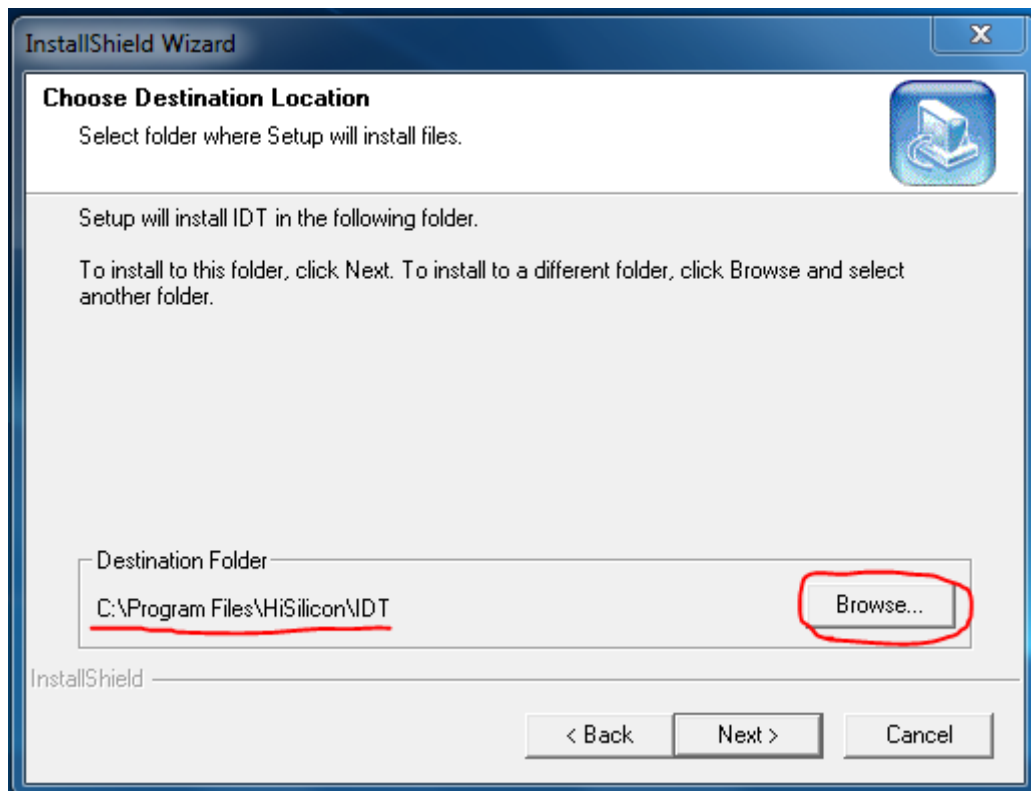


figure2.3

Step 4: after finished, click 'Finish' as figure 2.4.

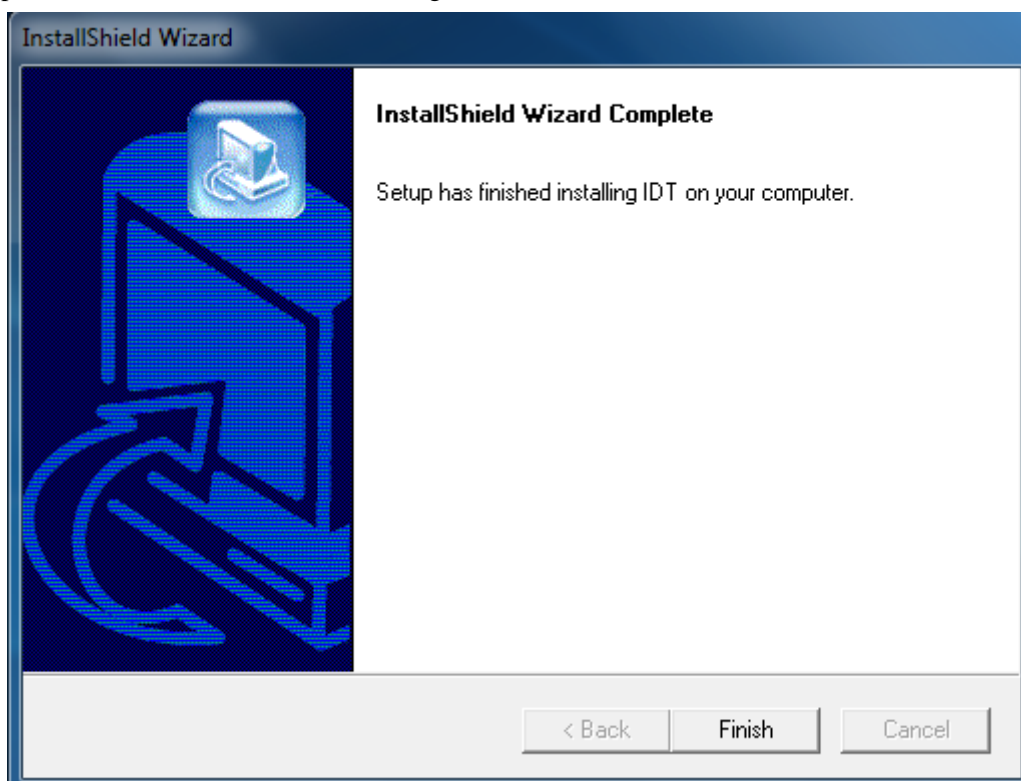


figure2.4

III. Install USB driver

If the PC is used for upgrade with Hisilicon for the first time, USD driver is required. If the USB driver has already been installed, please go to Part IV directly: install OS.

Step 1: turn the device into download mode.

Press F1 & F2, and at the same time press Power (figure3.1)

The device is switched on in downloading mode(figure3.2)



figure3.1 F1+F2 and at the same time Power



figure3.2 Downloading icon

Step 2: Open PC start menu, press (Start)——>(Control Panel) ——>(System and Security) ——>(System) ——>(Device Manager).

Process as following(3.3-3.6):

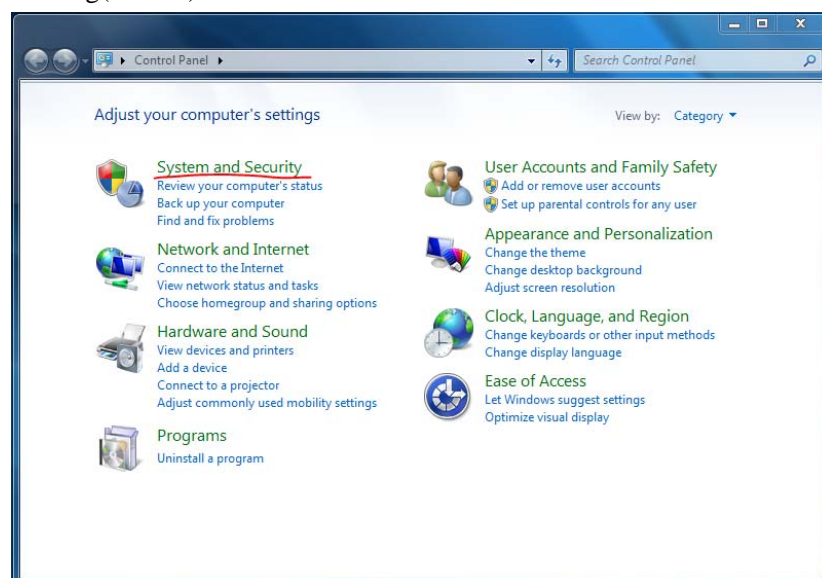


figure3.3

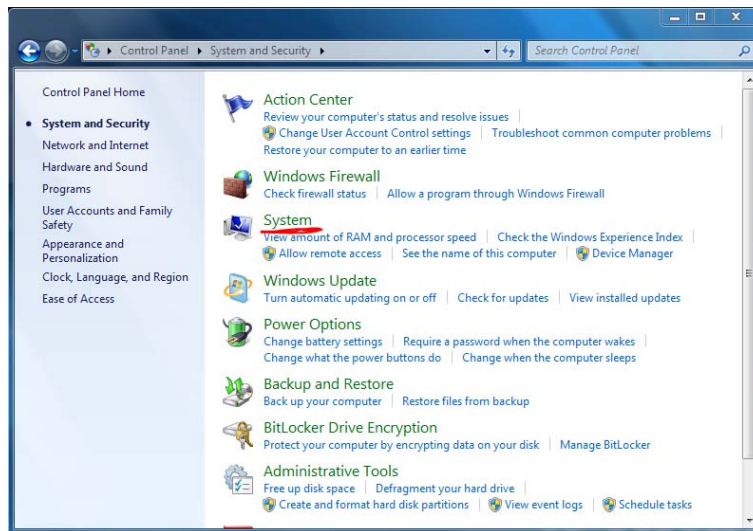


figure3.4

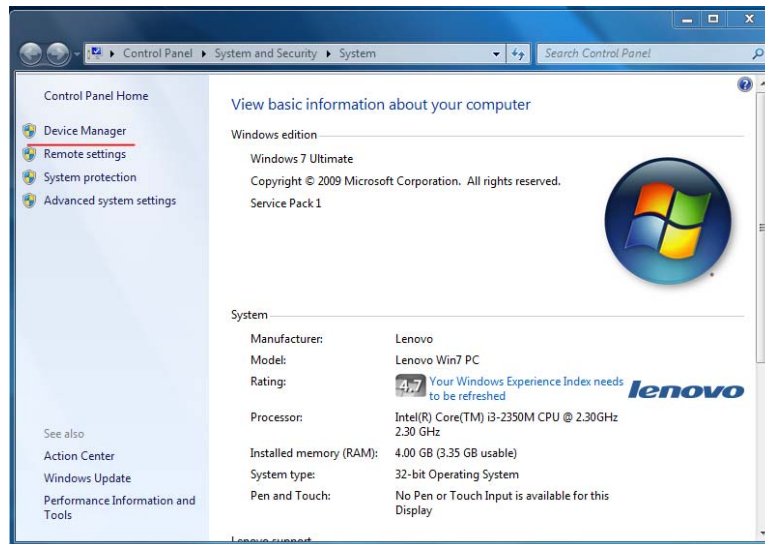


figure3.5

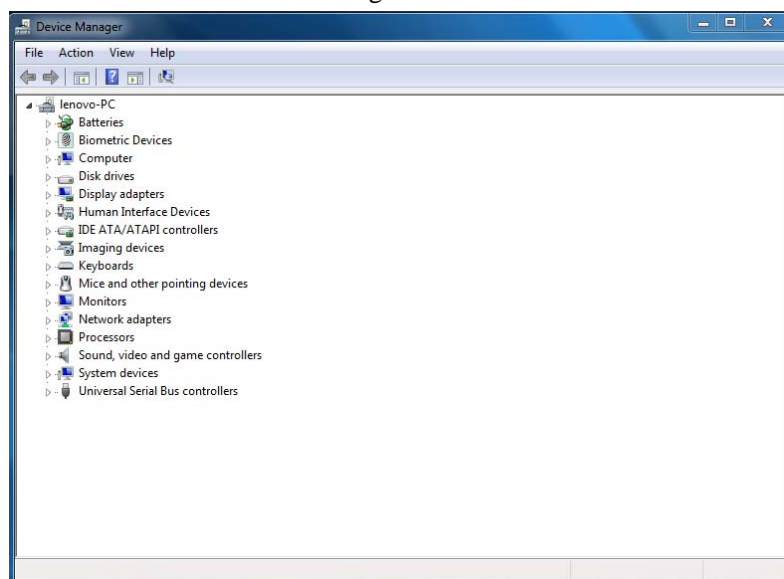


figure3.6

Step 3: connect receiver and PC with USB cable, there will be below hint in ‘Device Manager’(figure 3.7):

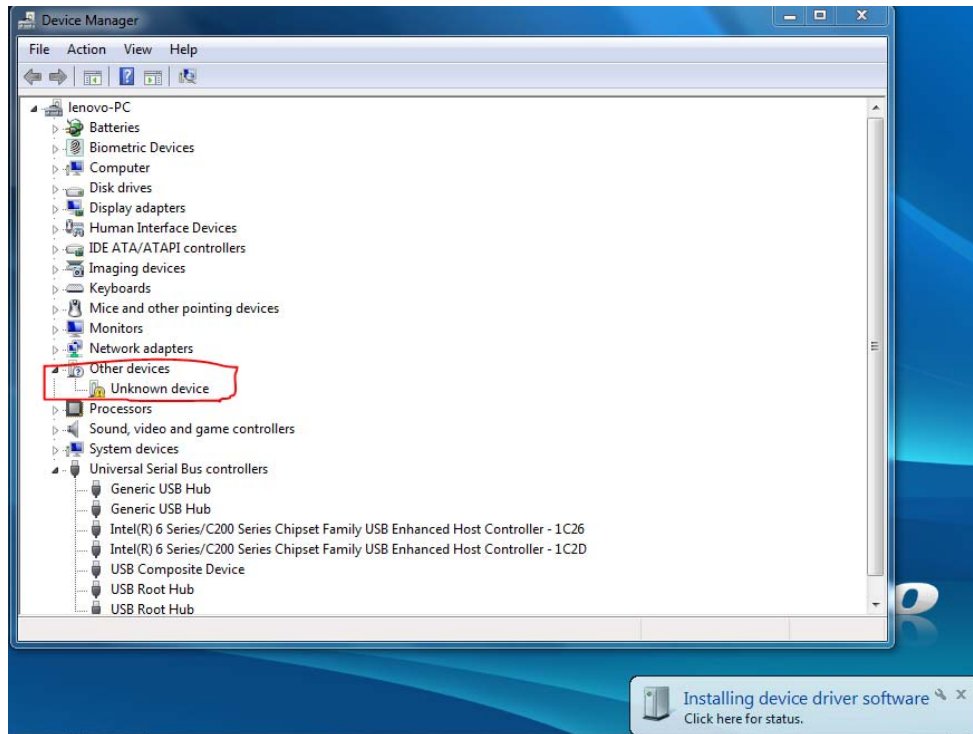


figure3.7

Step 4: right click (Unknown device) under (Other Device), select (Update Device Software), as figure 3.8, select Browse my computer for driver software:

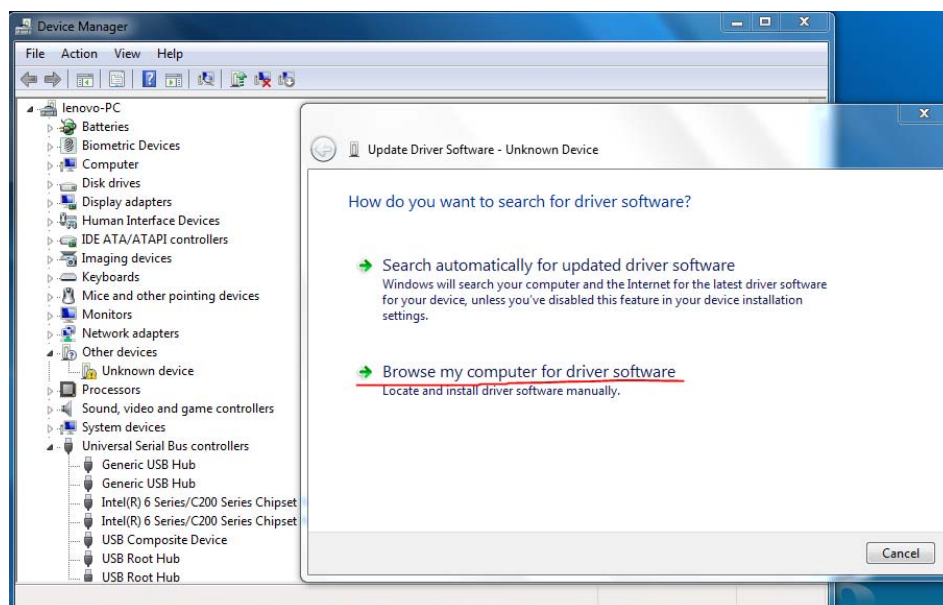


figure3.8

Step 5: click ‘Browse’, find ‘C:\Program Files\HiSilicon\IDT\ USB generic serial’ directory where IDT tool is installed, as figure3.9:

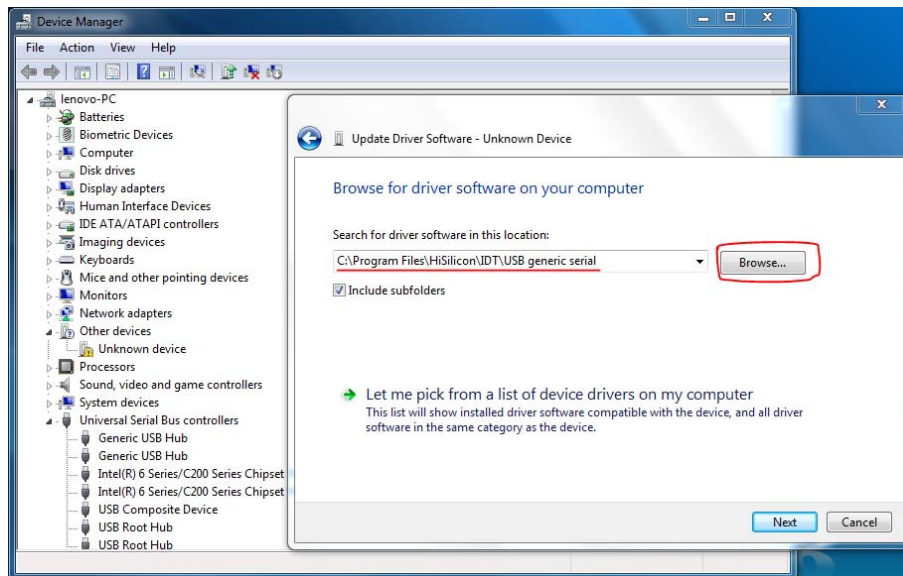


figure3.9

Step 6: click 'next', select 'Install this driver software anyway', as figure 3.10:

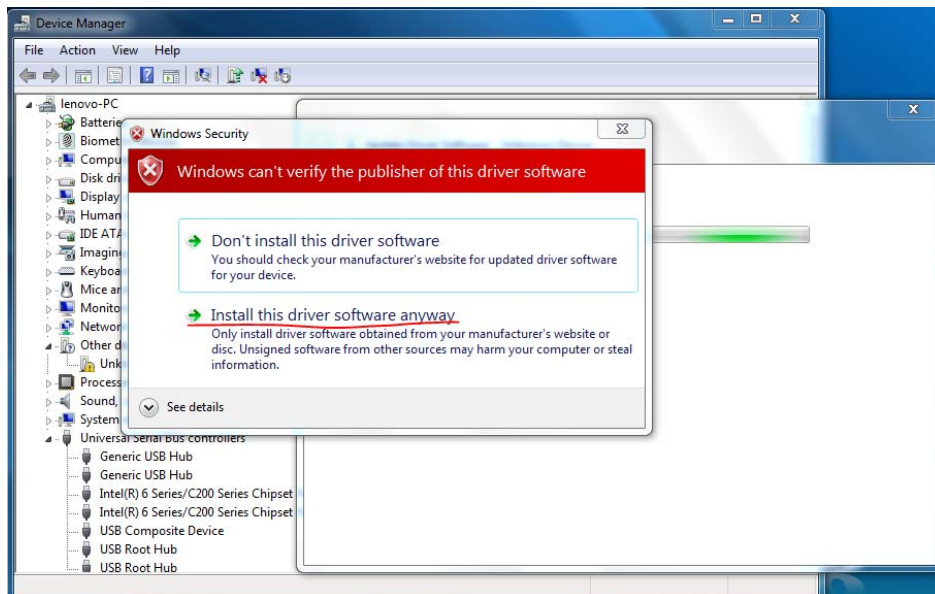


figure3.10

Step 7: after finished, there will be figure 3.11:

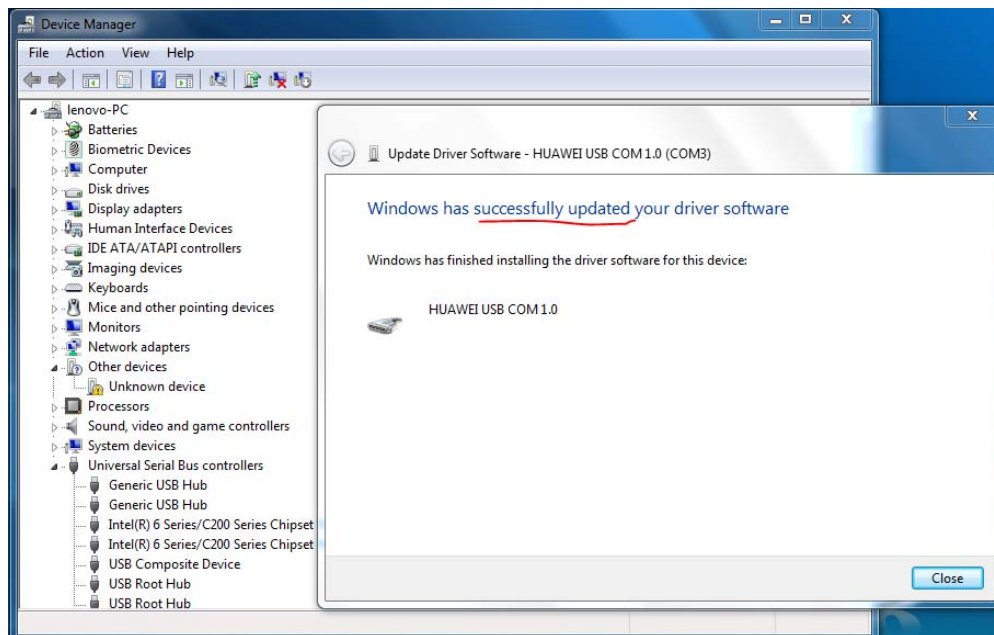


figure3.11

Step 8: USB driver is installed, it appears in the list as figure 3.12:

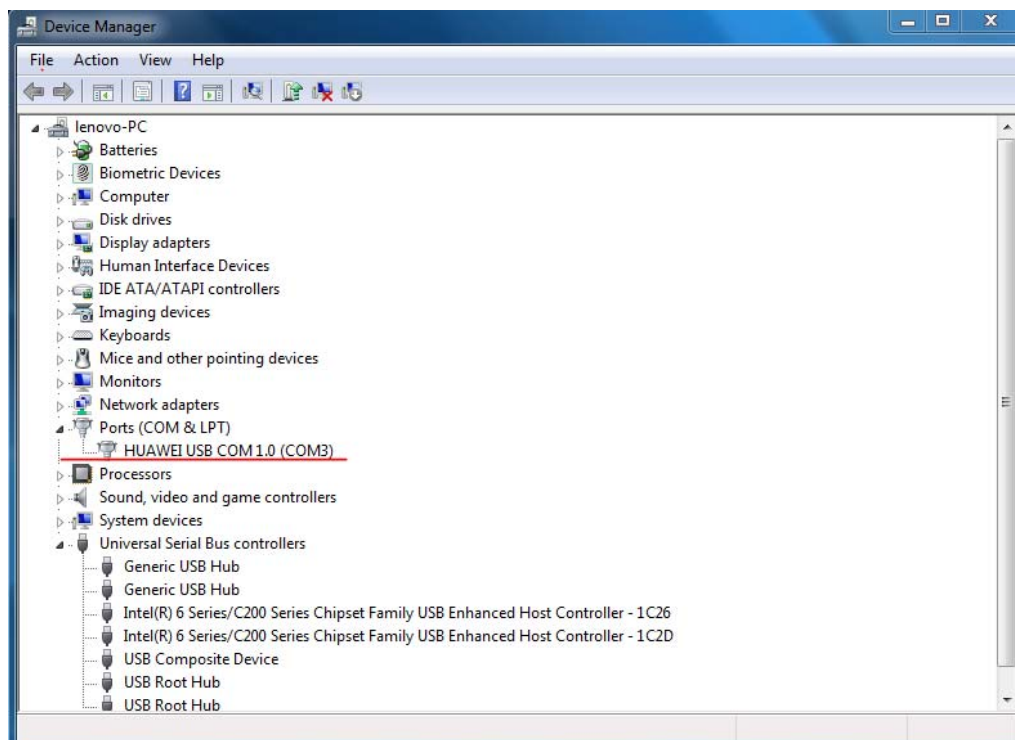


figure3.12

IV. OS update

Step 1: turn the device into download mode.

Press F1 & F2, and at the same time press Power to switch on the device (figure4.1), there will be Downloading icon (figure4.2), it's downloading mode.



figure4.1 F1+F2 & Power key



figure4.2 Downloading icon

Step 2: Run IDT tool (Hisilicon), as figure 4.3:

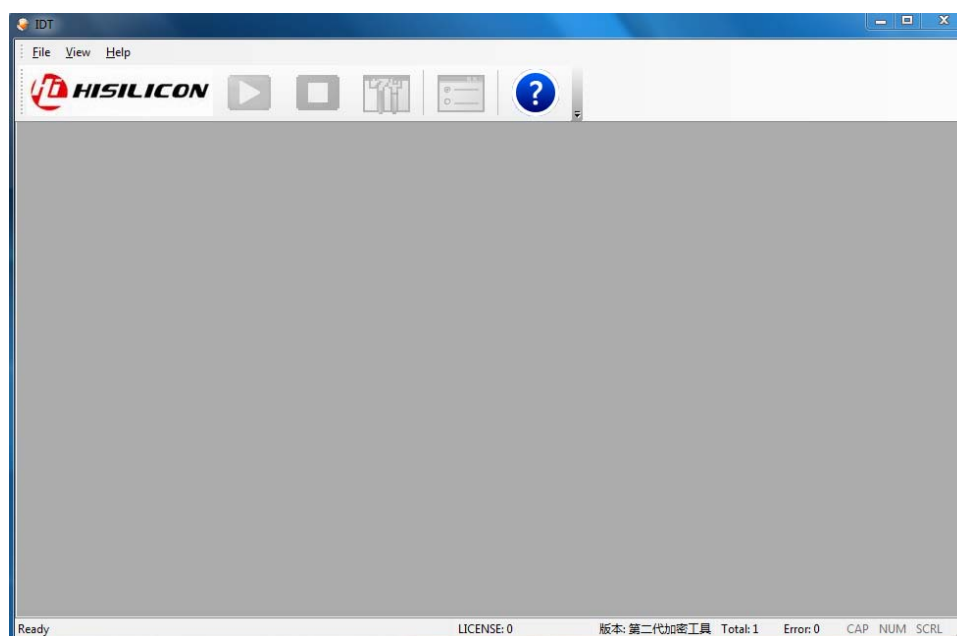


figure4.3

Step 3: Click 'View->ImageDownload', as figure 4.4:

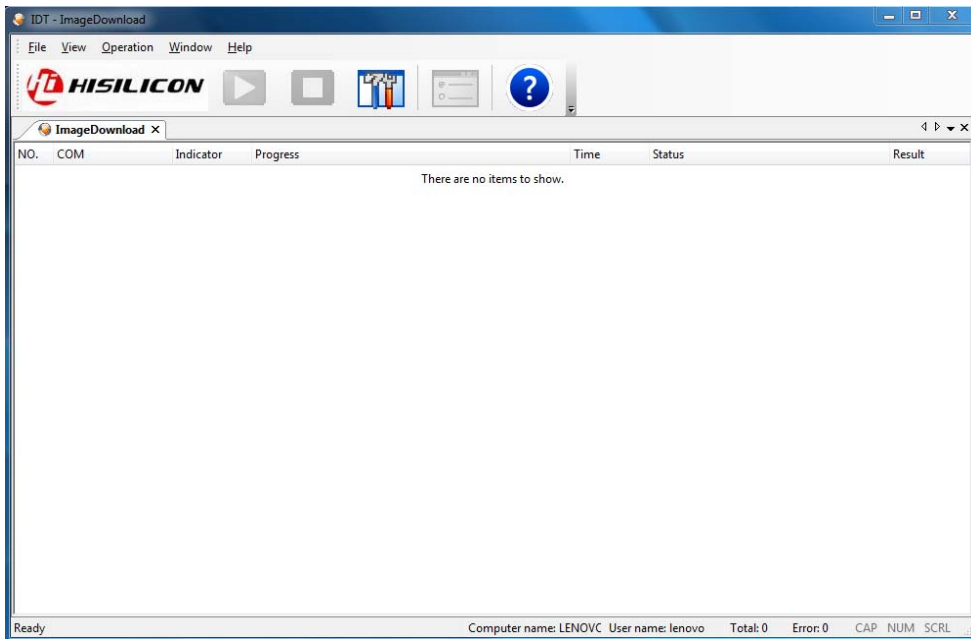


figure4.4

Step 4: click 'Config' tool icon, as shown in figure 4.5:

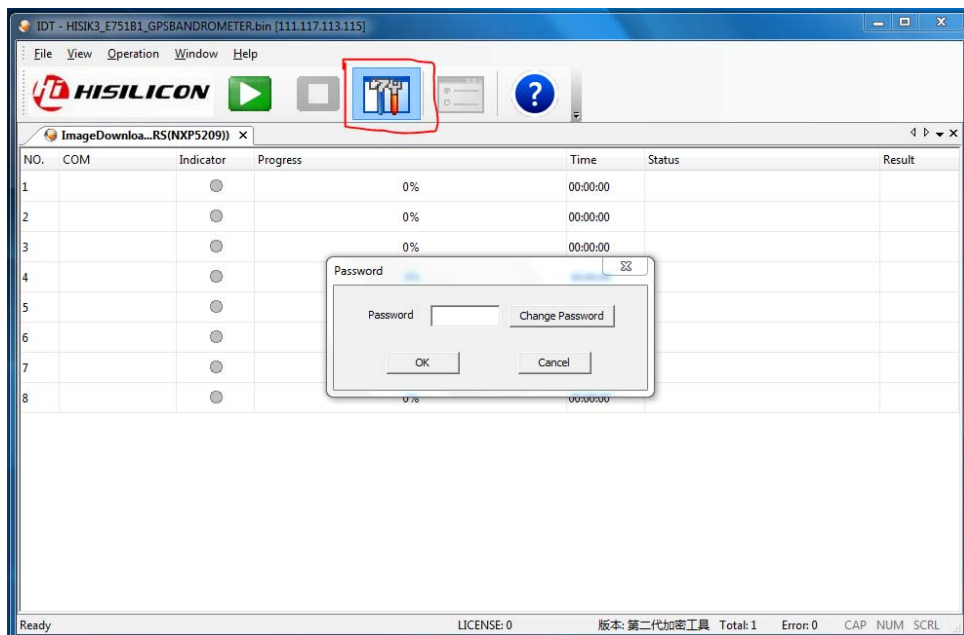


figure4.5

Step 5: input password 'hisilicon', and click 'OK', as figure 4.6:

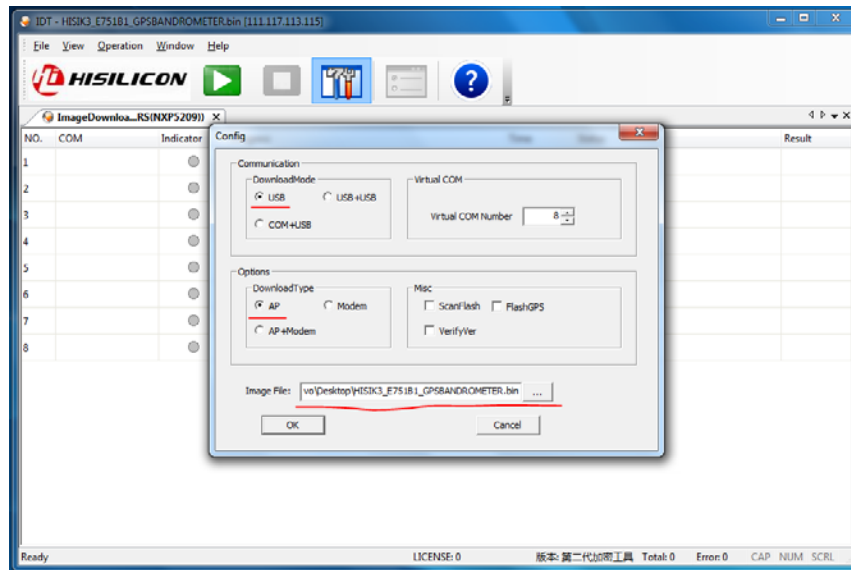


figure4.6

Step 6: click '...' button after (Image File), select .bin file. Select:

DownloadMode: USB

DownloadType: AP

Misc: do not check

Step 7: click 'OK', as figure 4.7:

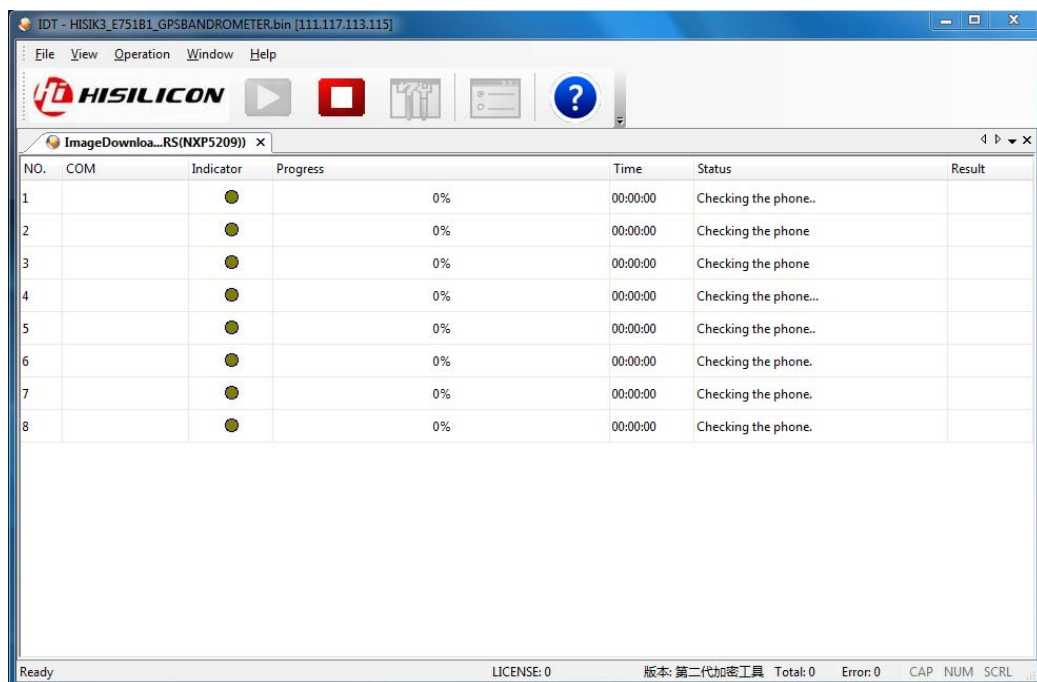


figure4.7

Step 8: connect device and PC with USB cable, start update, as figure 4.8:

Remark:

1. There should be enough power in the battery
2. Do not move the device during the update

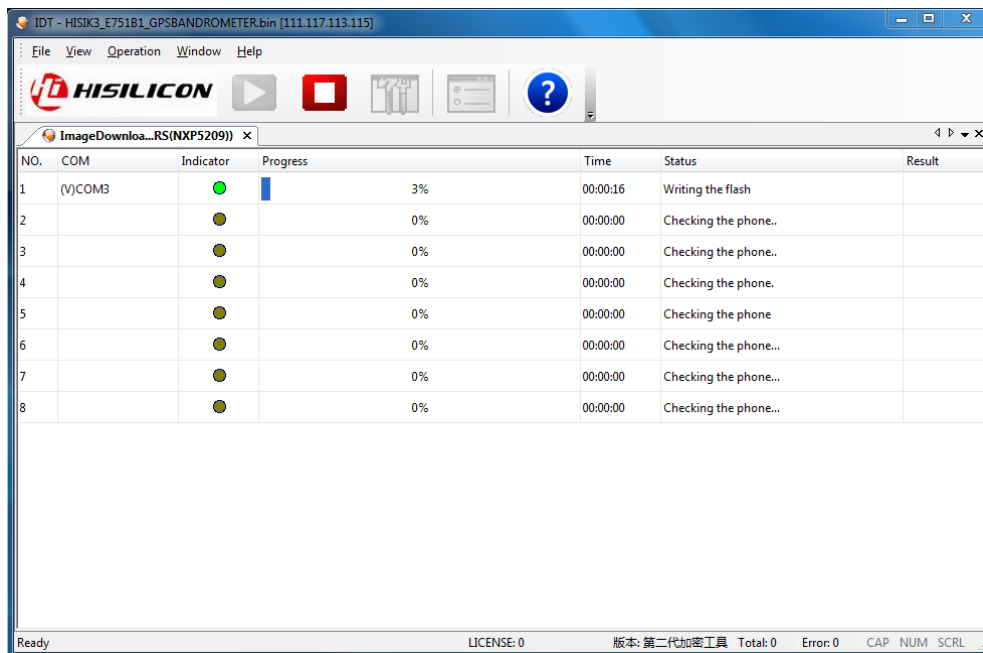


figure4.8

Step 9: update finished, as figure 4.9:

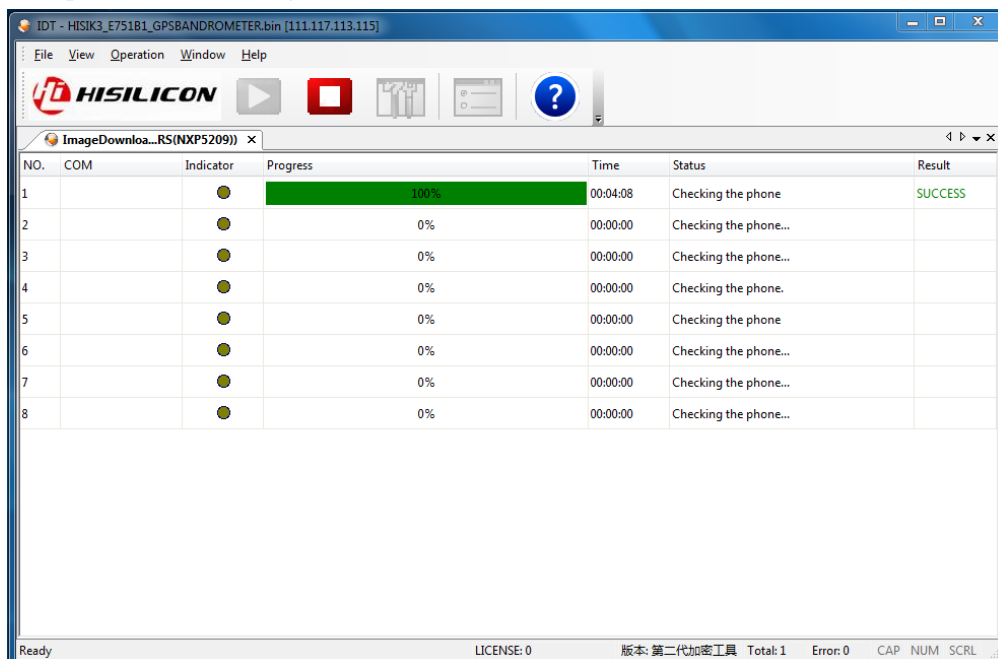


figure4.9

Step 10: generally the device will reboot automatically. If not, remove the battery and restart the device.