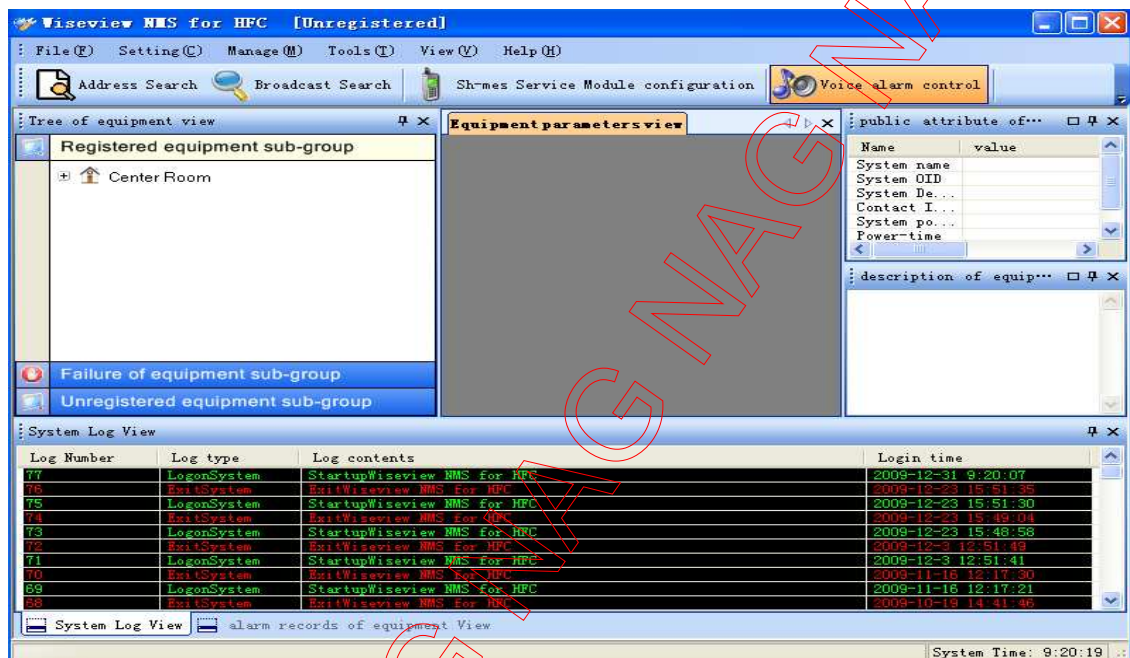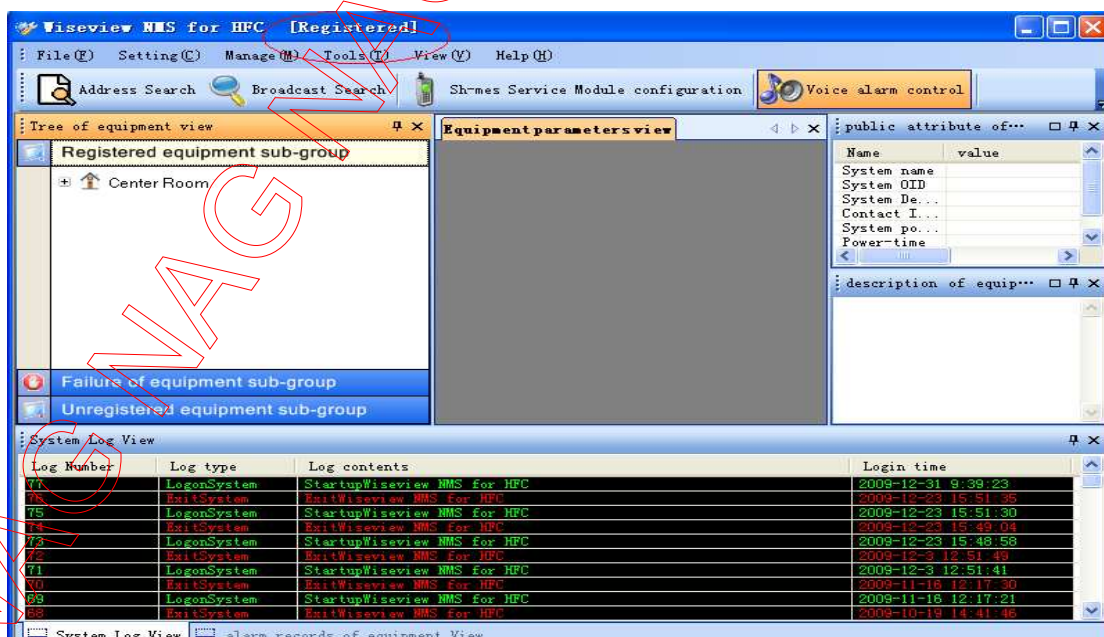# SNR-NMS

Network Management System for HFC

User's Manual

1. RIGISTER and SETUP

1) Run "setup.exe" or run "Wiseview Setup.exe".

2) Click "NEXT" to over the software Setup.

3) Register the software:

Run the "Wiseview NMS for HFC" on the desktop, logging in the system (P-1-1). Then close the software (you must close the software at least on time, if you need register the software). After that, go to installing directory "…\Wiseview NMS for HFC\", send "LICENSE" file to our company, then we will give you "register code". If you have registered the software, you will see the "registered" information on the software title (P-1-2).
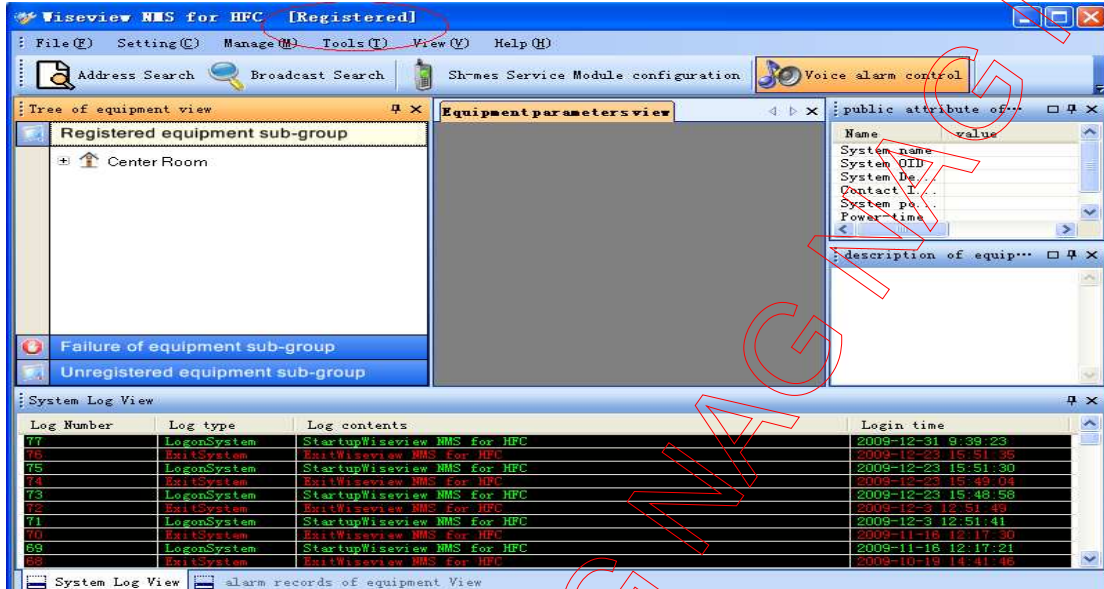

P-1-1

P-1-2

2. Software using

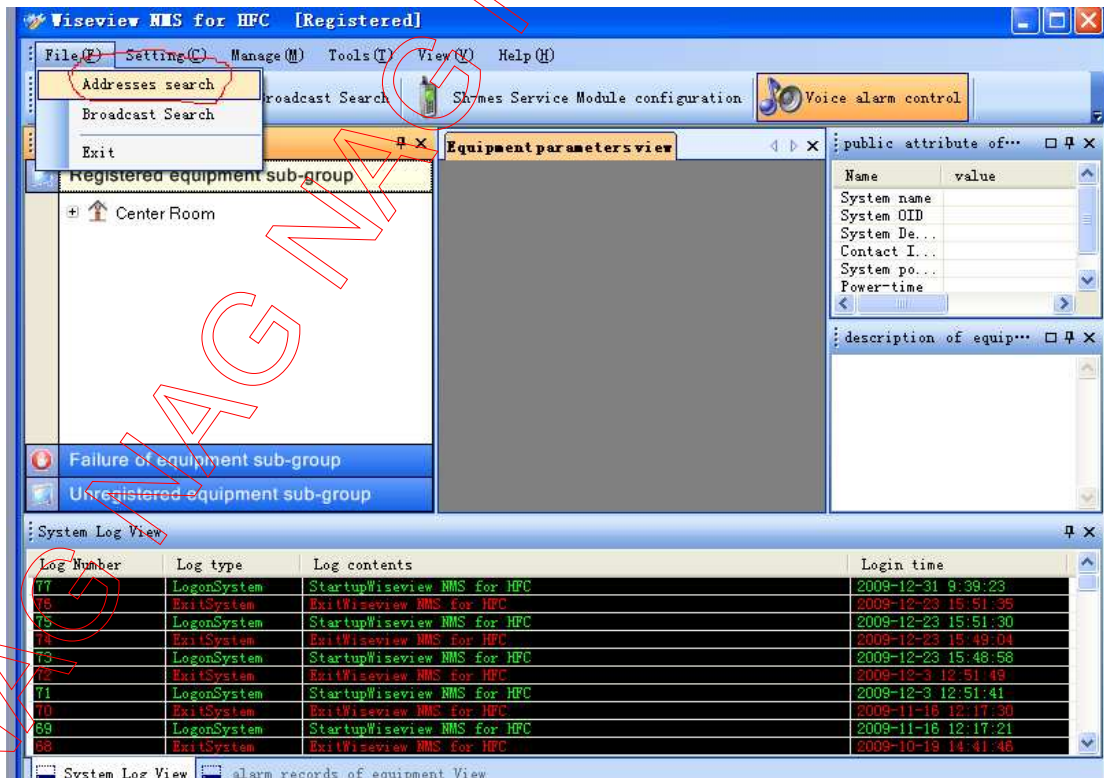### SNR-OR-114-09 Optical Receiver for example

Run the "Wiseview NMS for HFC" on the desktop, logging in the system (P-2-1). The default username and password you can get from "readme" text file in "Wiseview Setup" folder.
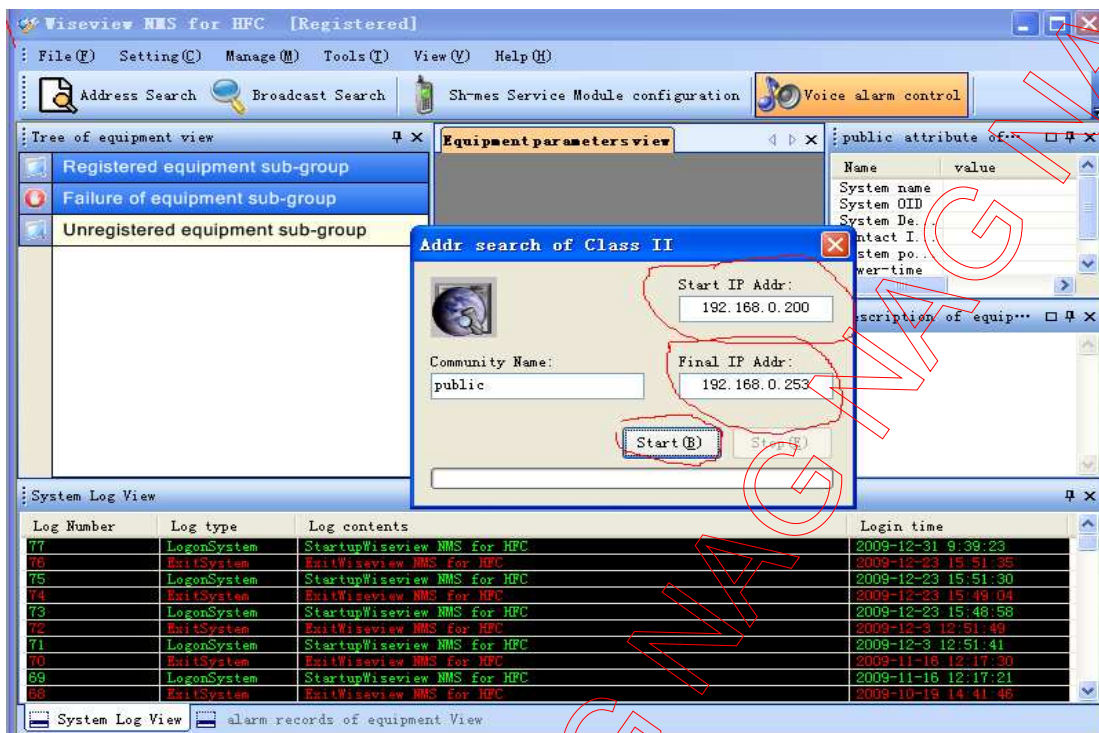

P-2-1

(1) "File(F)" MENU

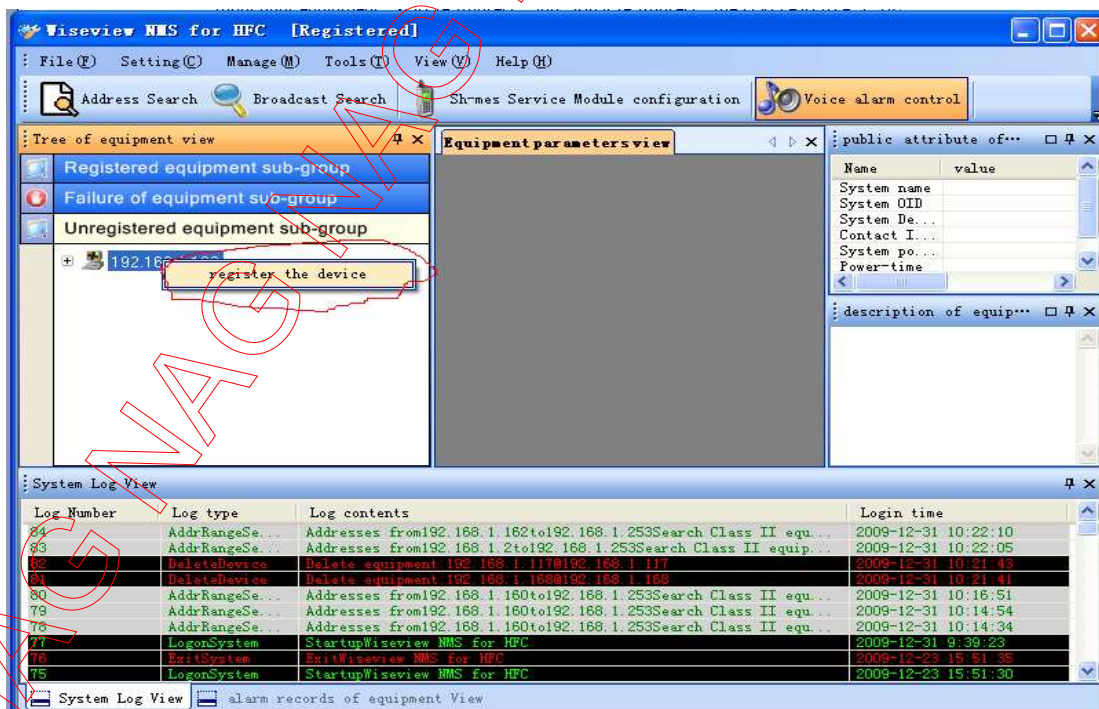Click "Address search" submenu (P-2-2)

P-2-2

Input your equipment "Start IP Address" and "Final IP Address", the start search.(P-2-3)
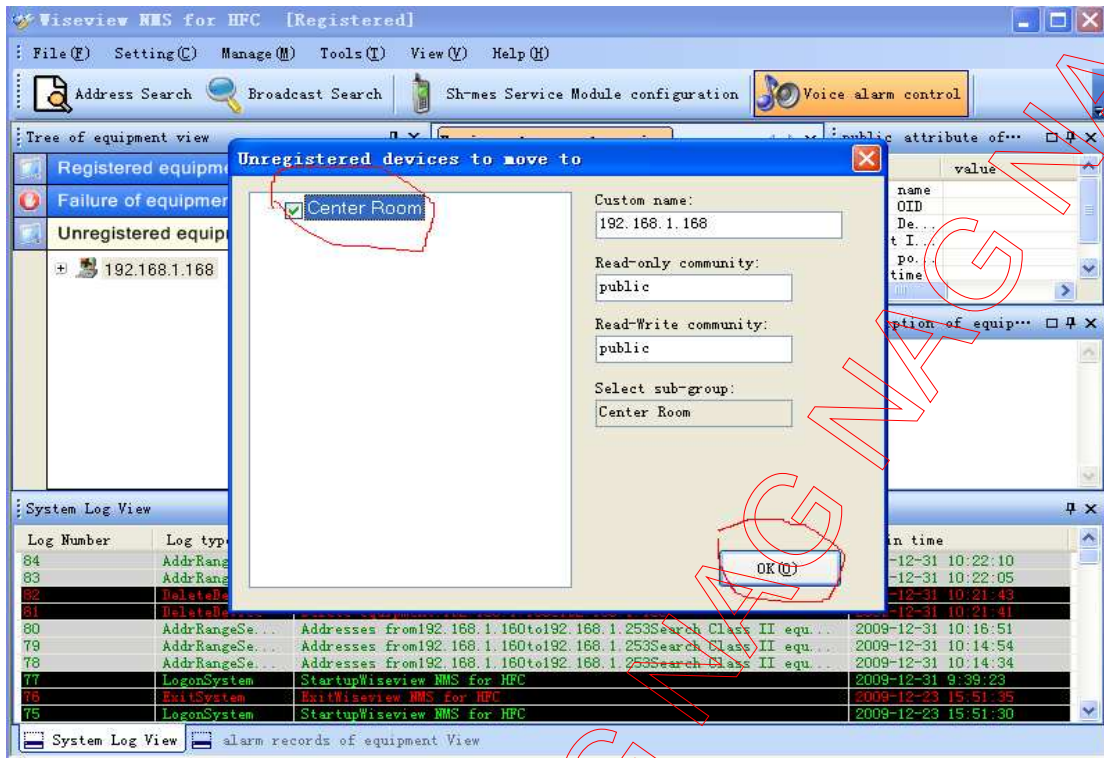

P-2-3

Then your equipment will be in "Unregistered equipment sub-group", right click device, click "register the device" submenu (P-2-4)
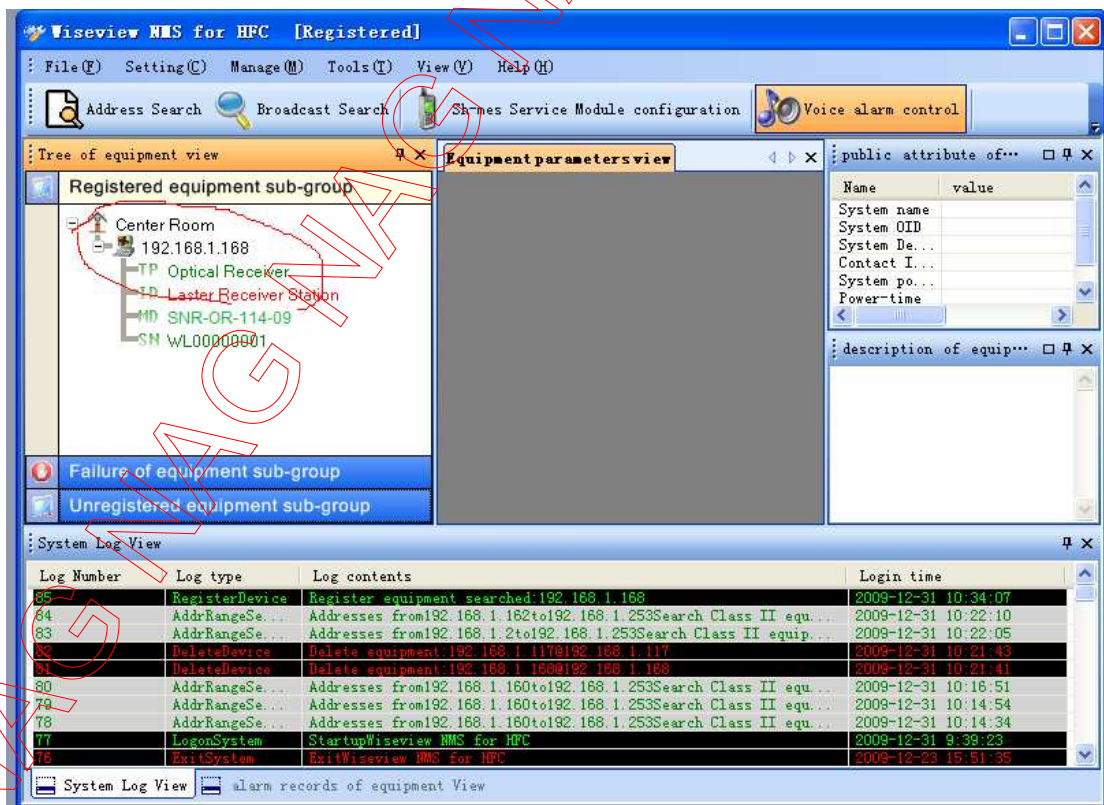

P-2-5

Then select sub-group you want device to move to (P-2-6)
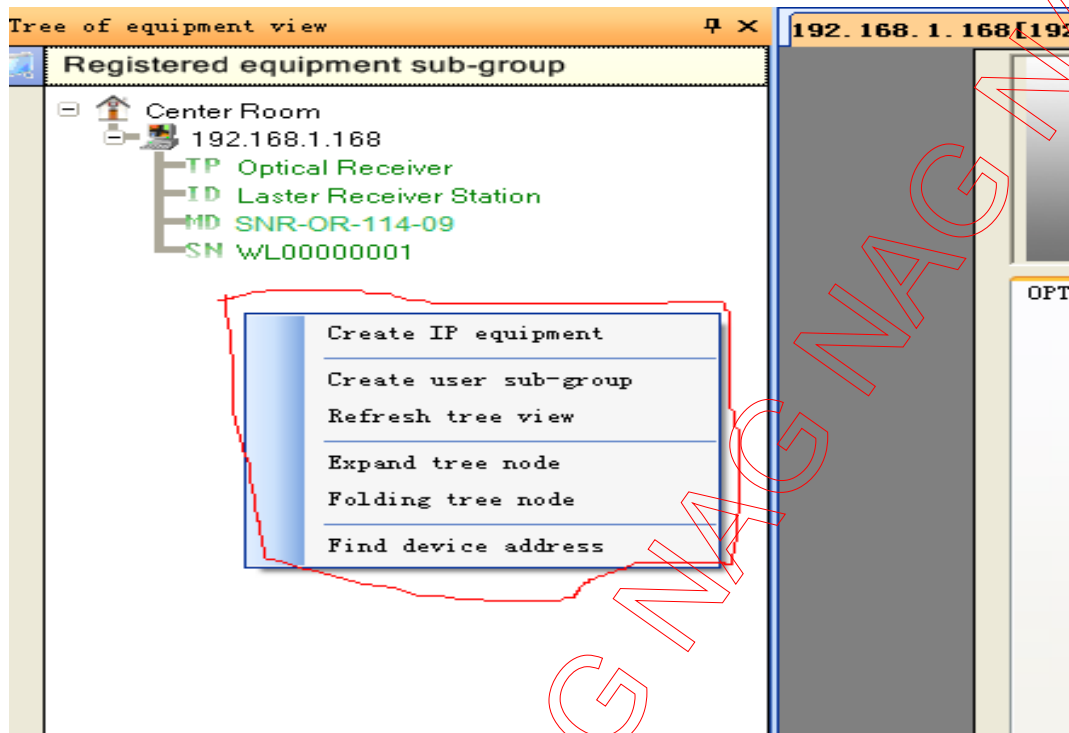

P-2-6

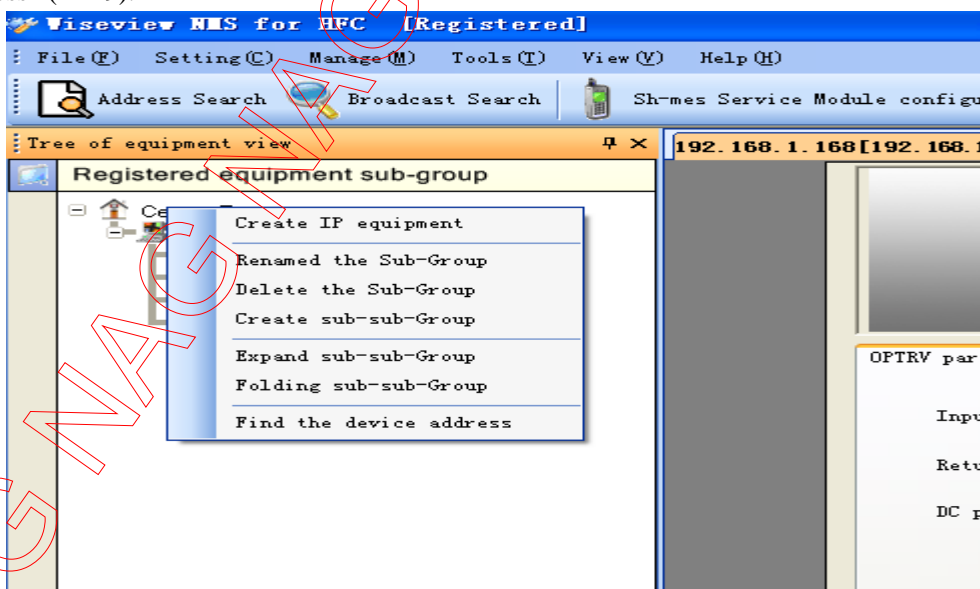After that you will see the device in the registered equipment sub-group. (P-2-7)

P-2-7

Right click the blank of "Unregistered equipment sub-group", you can "Create IP equipment", "Create User sub-group", "Refresh tree view", "Expand tree node", "Folding tree node", "Find device address".(P-2-8)
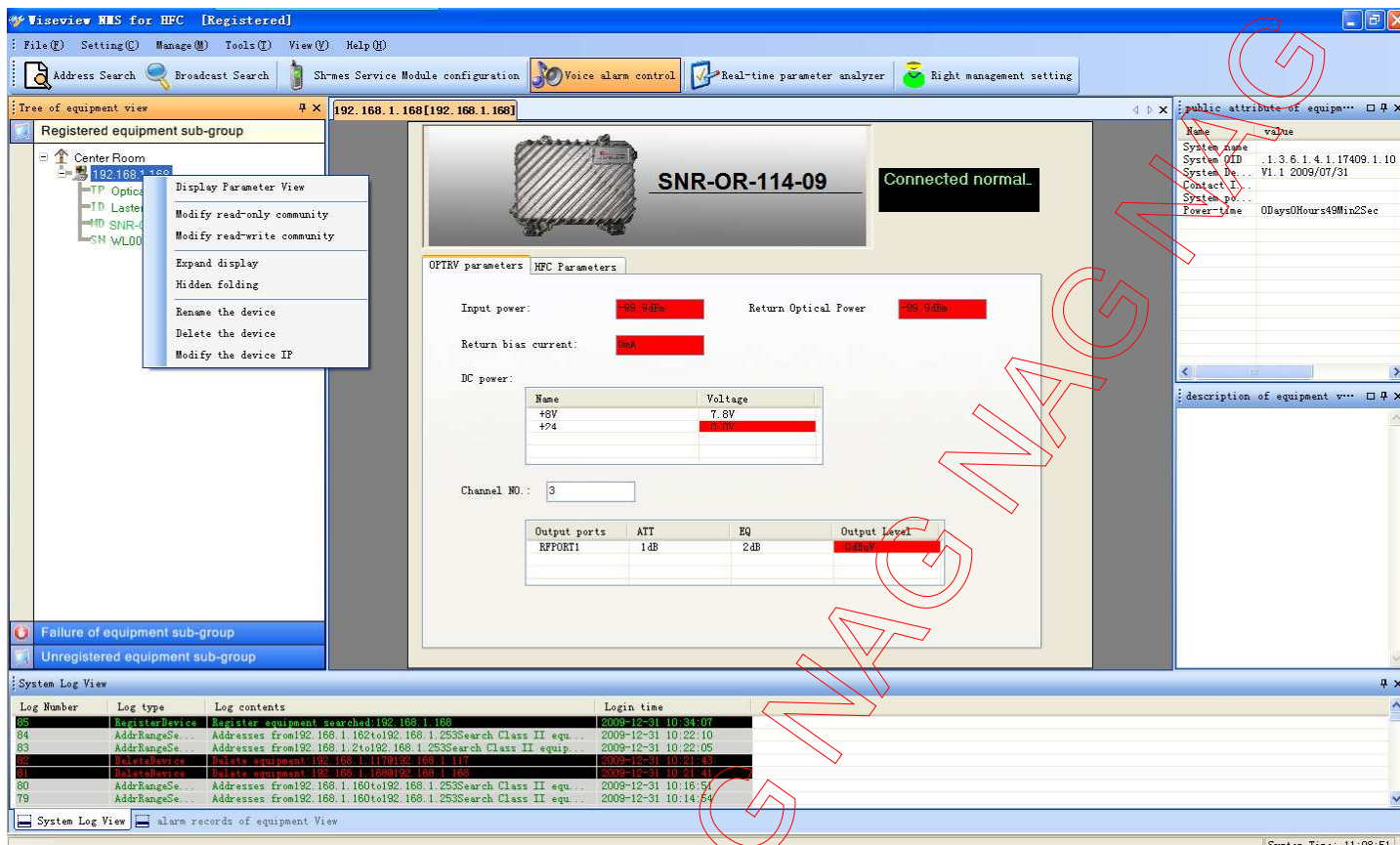

P-2-8

Right click the sub-group of "Unregistered equipment sub-group", you can "Create IP equipment", "Renamed the Sub-Group", "Delete the Sub-Group", "Create sub-sub-group", "Expand sub-sub-Group", "Folding sub-sub-Group", "Folding tree node", "Find the device address" (P-2-9).

P-2-9

Right click the device of "Unregistered equipment sub-group", you can "Display Parameter View", "Modify read-only community", "Modify read-write community", "Expand Display", "Hidden Folding", "Rename the device", "Delete the device", "Modify the device IP" (P-2-10).
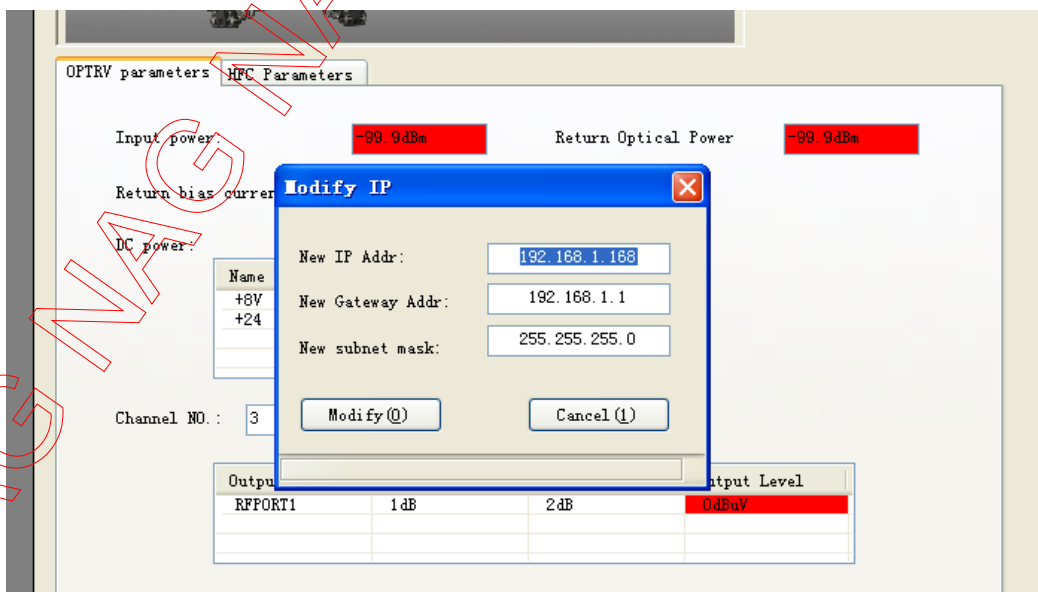
P-2-10

Double click the device or right click the device and select the "Display Parameter View" submenu, you will see the device parameter. (P-2-10)
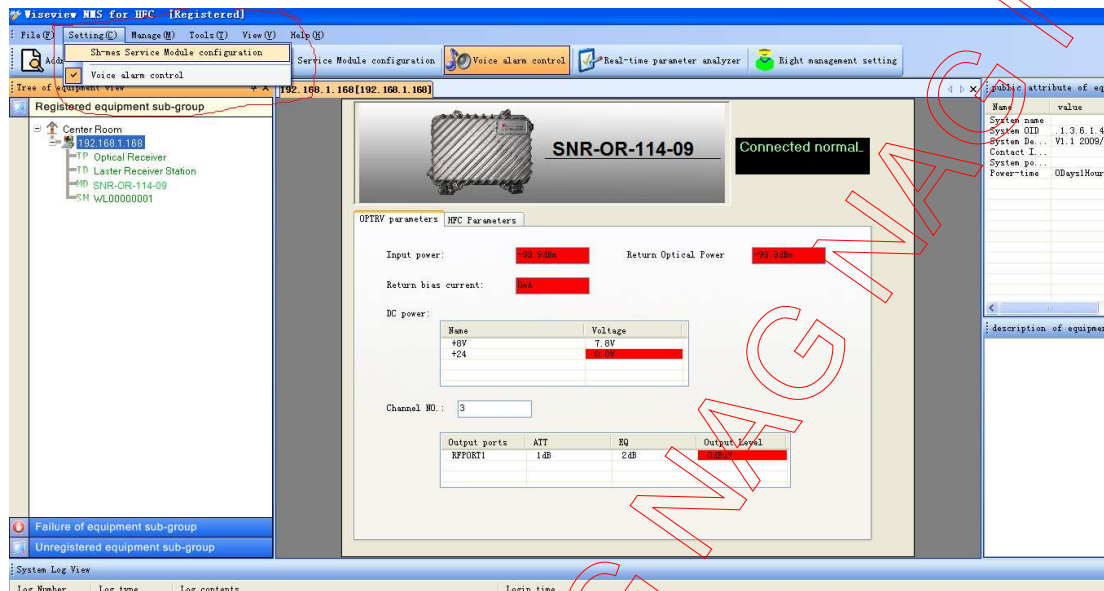
Right click the device and select the "Modify the device IP" submenu, you can change device IP address (only our optical receiver and workstation can change IP through this way) (P-2-12)

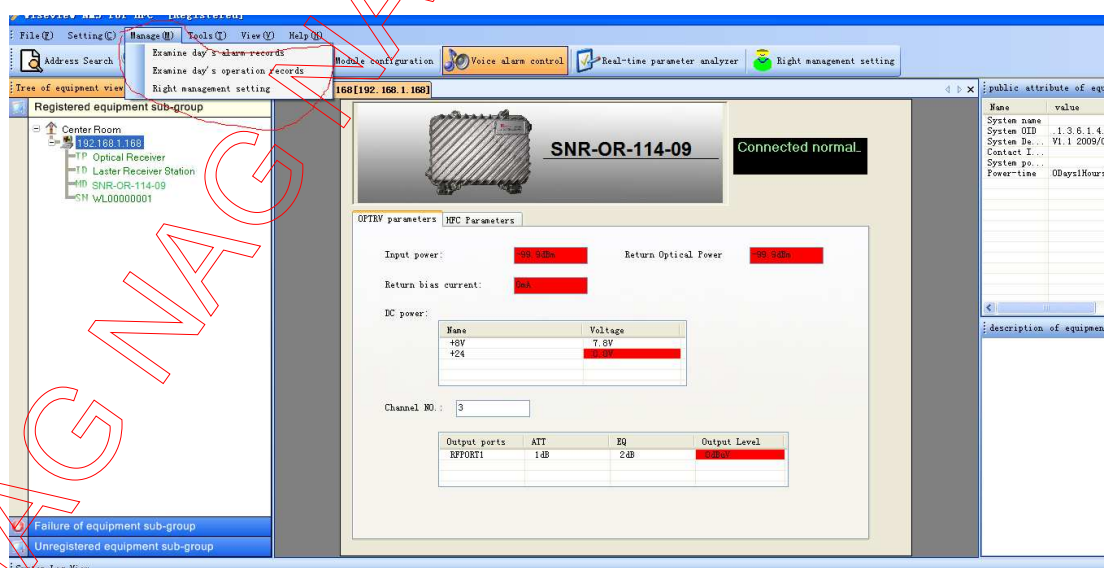
P-2-12

(2) "Setting(C)" MENU

Click the "Setting(C)" menu, you can see submenu "Sh-mes Service Module configuration" and "Voice alarm control" .If you want Short message service ,you need another equipment and contact mobile Communications Corporation. As usual "Voice alarm control" if checked (P-2-13)
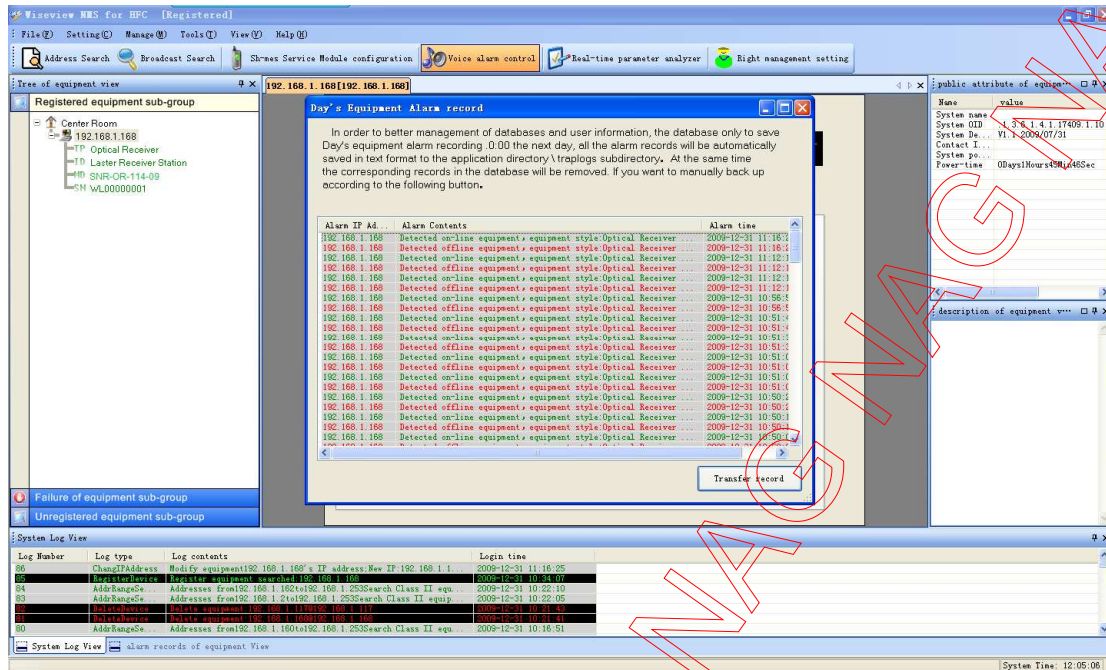

P-2-13

(3) "Manage (M)" MENU

Click the "Setting(C)" menu, you can see submenu "Examine day's alarm records"," Examine   day's operation records" and "Right management setting".(P-2-14)
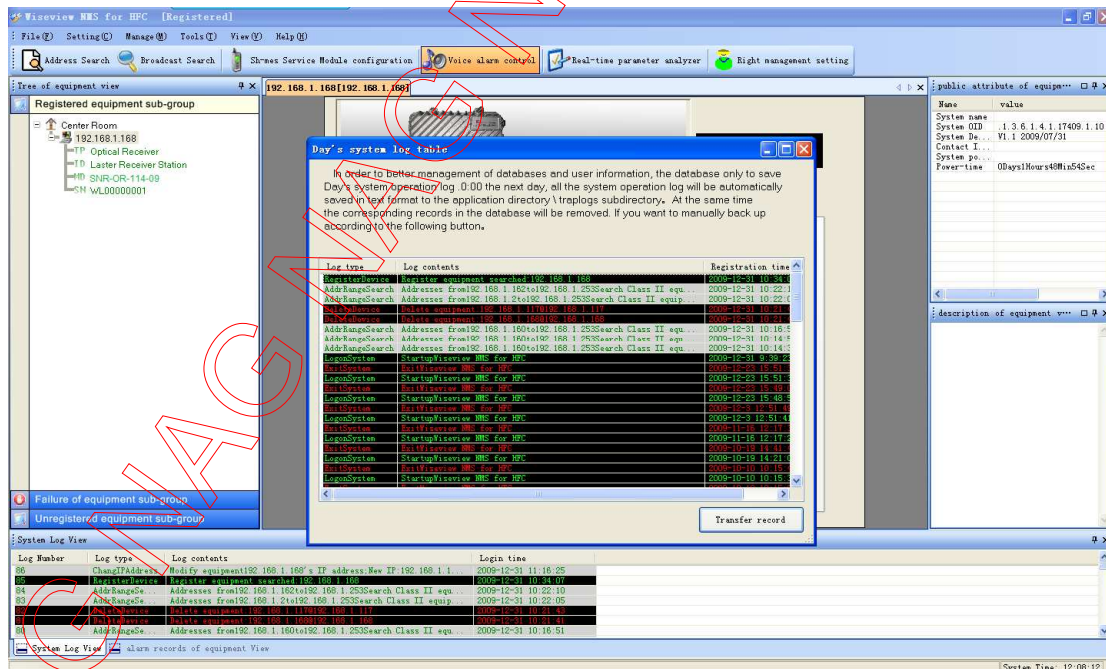

P-2-14

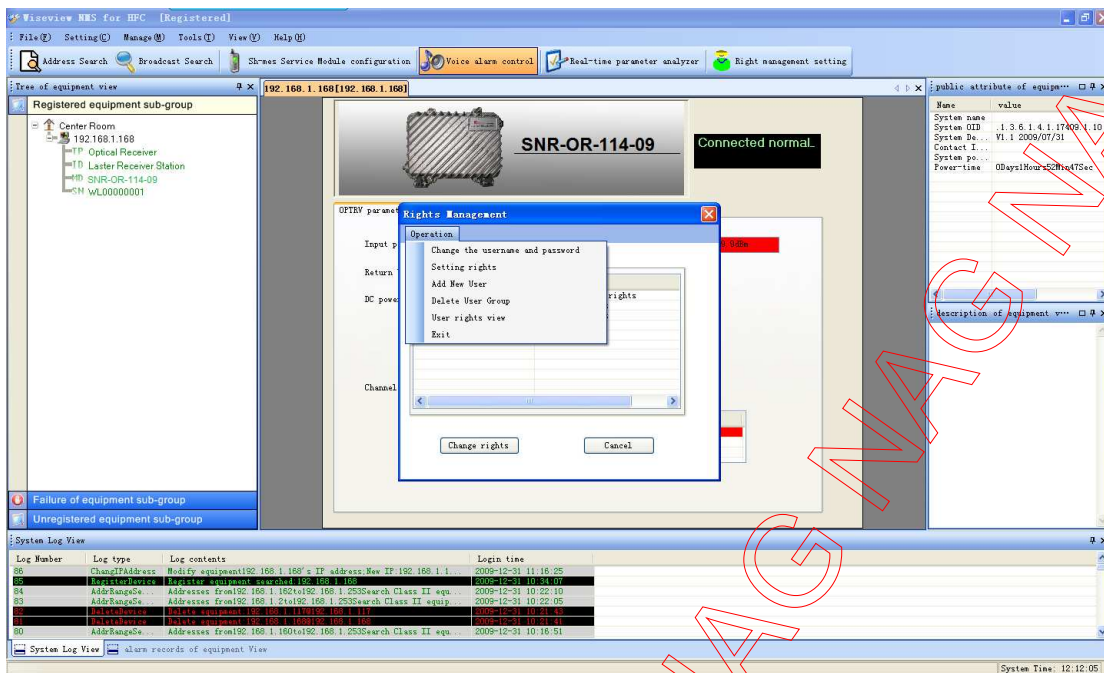1. Click "Examine day's alarm records" submenu, you will see today's alarm records.(P-2-15)

P-2-15

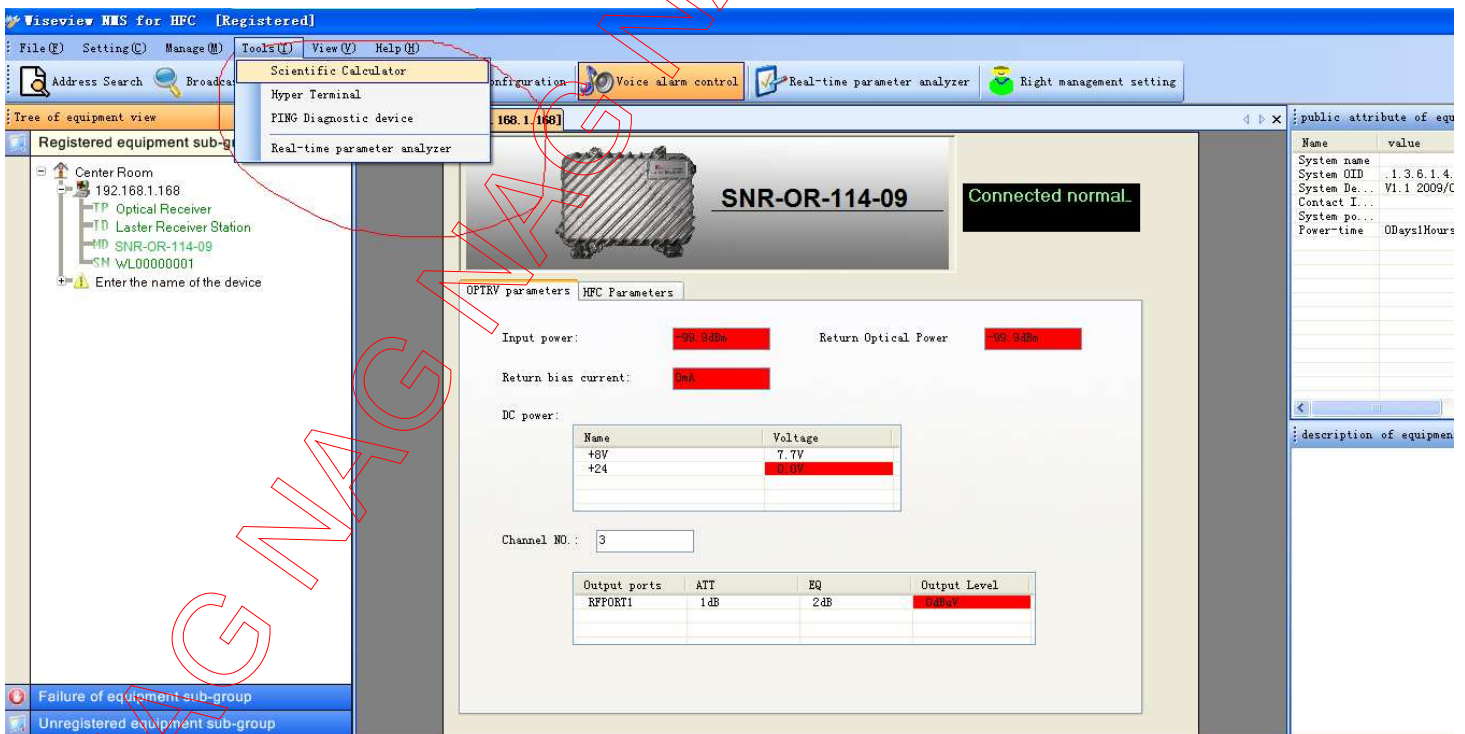2. Click "Examine day's operation records" submenu, you will see today's operation records.(P-2-16)

P-2-16

3. Click "Right management setting" submenu, you can manage your authority (P-2-17).

(4) "Tools (T)" MENU

In this menu ,allows you to use scientific calculator, hyper terminal, ping diagnostic device and real-time parameter analyzer(P-2-18)
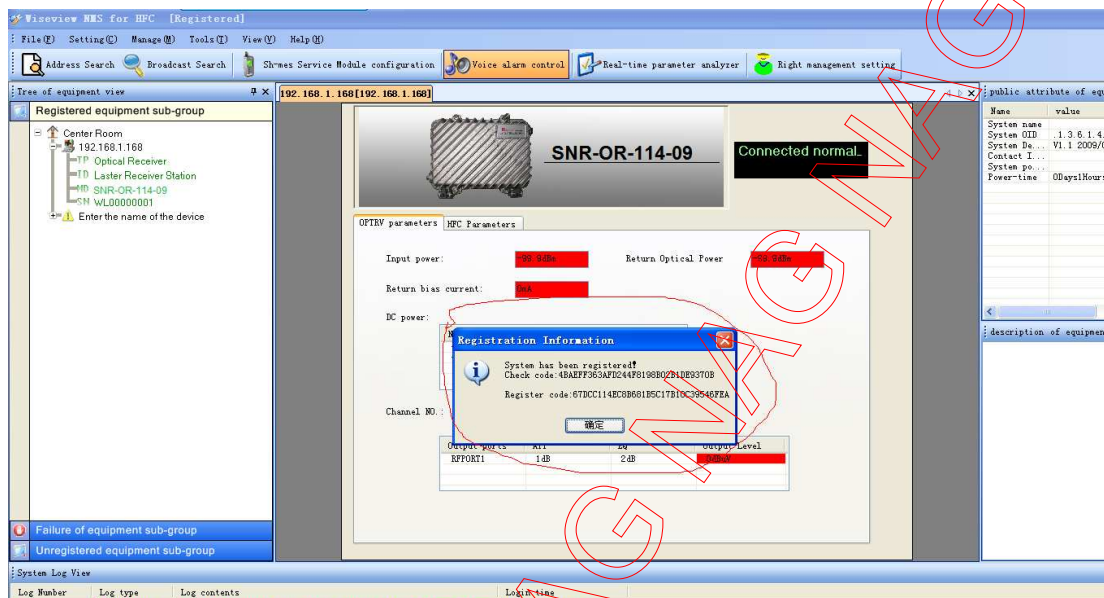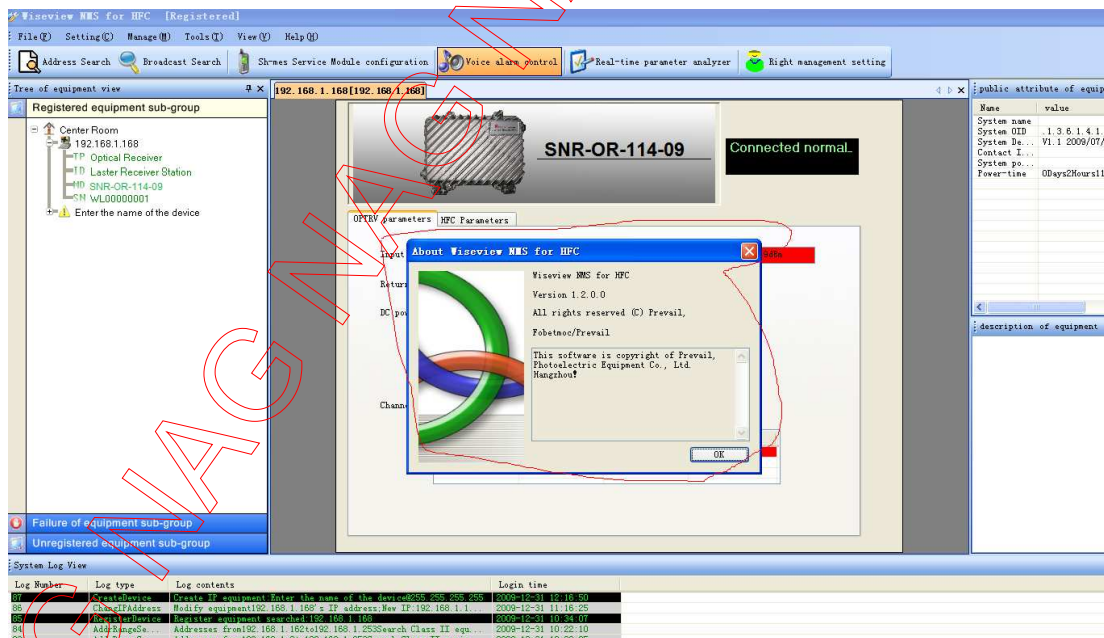

P-2-18

(5) "View (V)" MENU

In this menu, allows you to manage View operations.

(6) "Help (H)" MENU

In this menu, you can see your registering information (P-2-19), and software information (P-2-20)

P-2-19

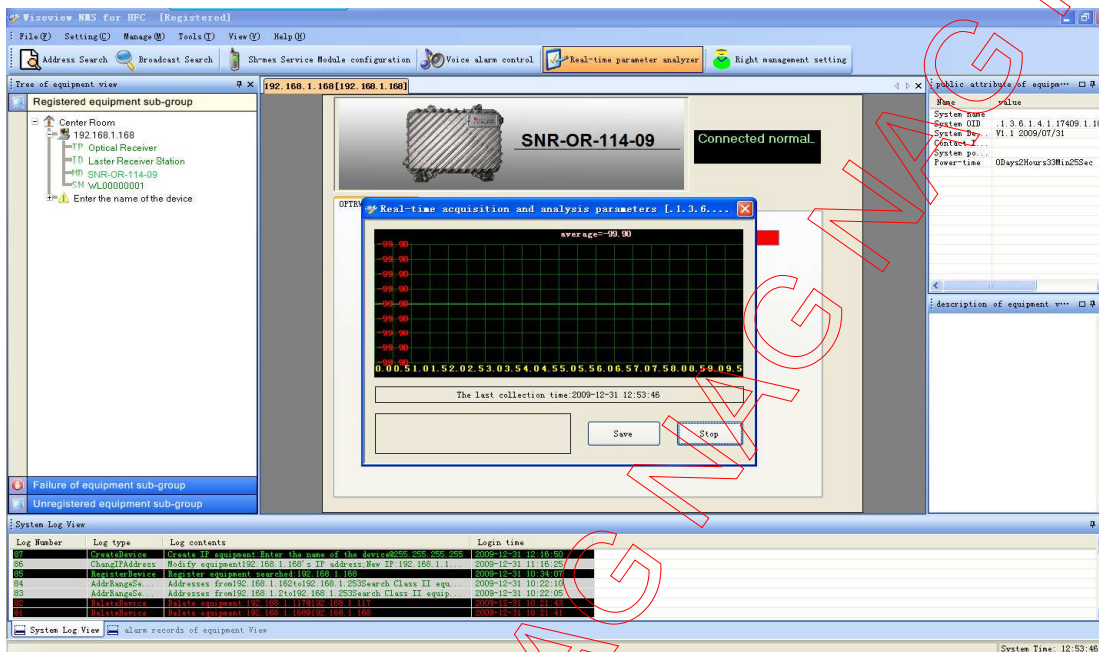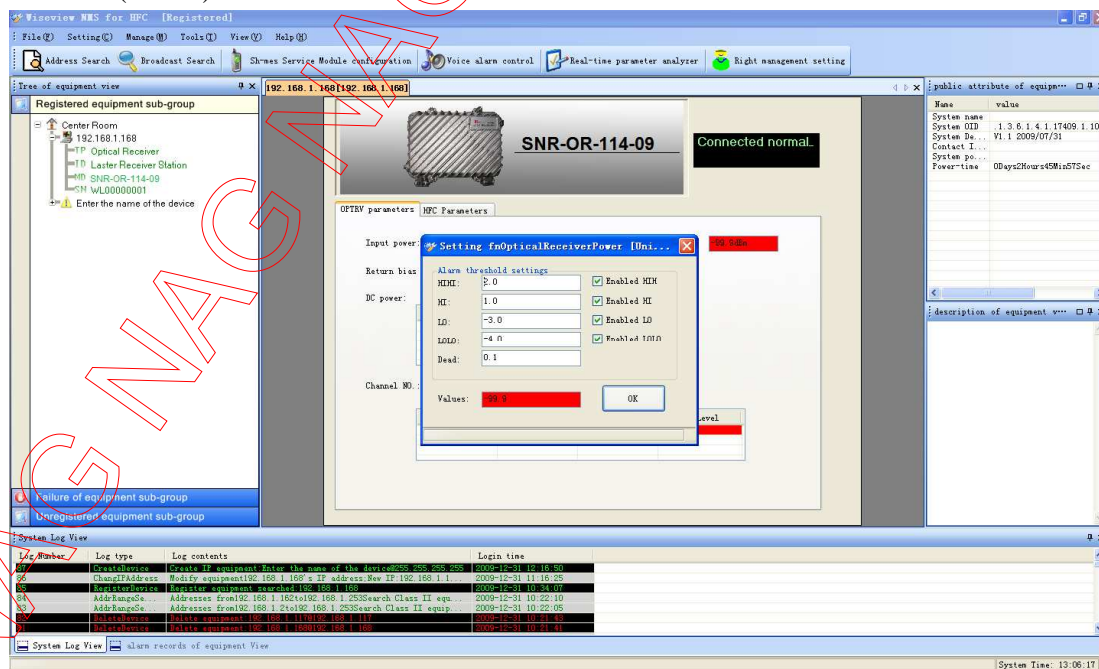
P-2-20

3. Device Operation

One case: the button "Real-time parameter analyzer" is checked (black color is yellow). For analog parameter(include "input power", "Return Optical Power", "Return Bias current", "+8V", "+24V", "output level"), double click corresponding textbox, you will see the real-time value of parameter(P-2-21)

P-2-21

Another case: the button "Real-time parameter analyzer" is unchecked. For analog parameter (include "input power", "Return Optical Power", "Return Bias current", "+8V", "+24V", "output level"), double click corresponding textbox, you can set Alarm threshold.(P-2-22)
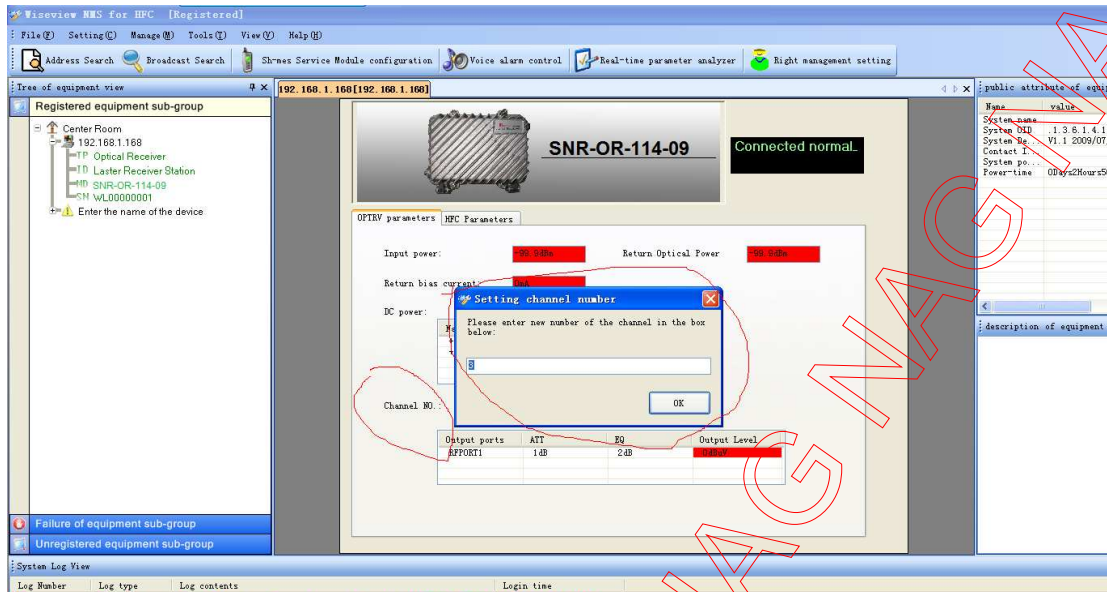

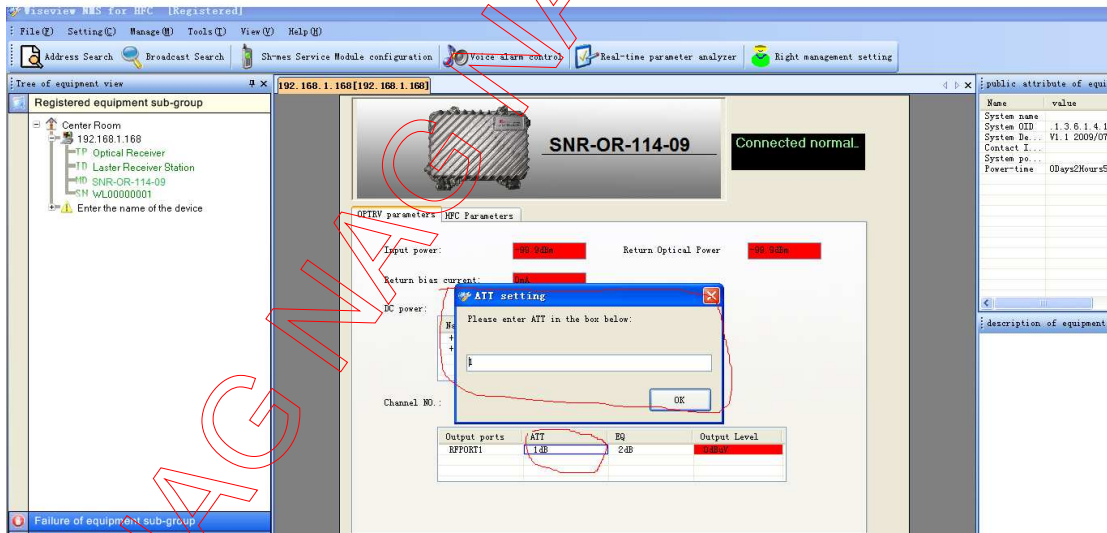
P-2-22

Set channel number:

Double click "Channel No" textbox; you can set the HFC system's channel number (P-2-23)

P-2-23

Set ATT:

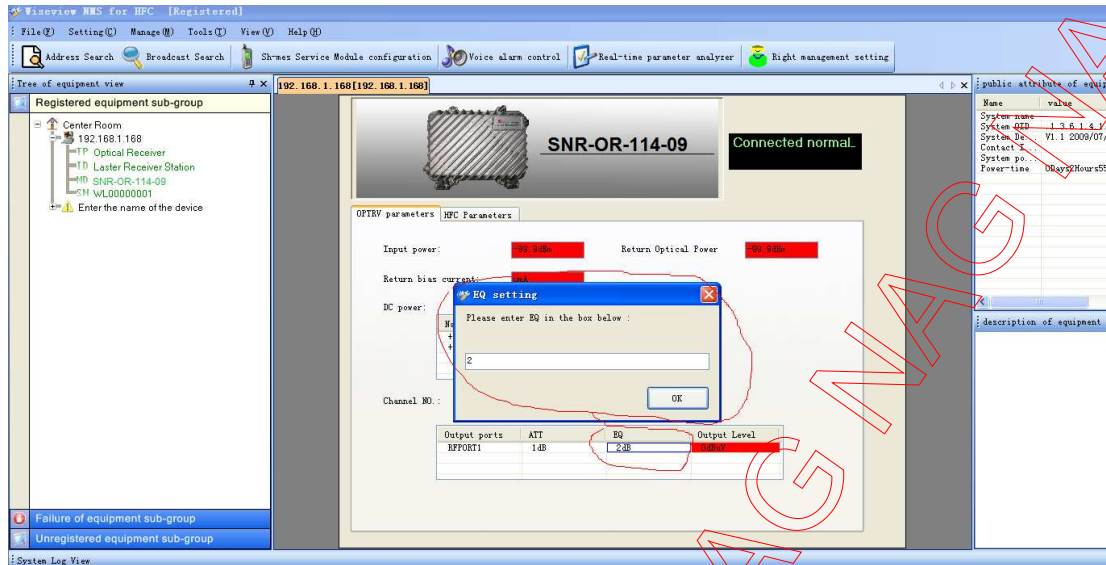Double click "ATT" textbox; you can set the attenuation of the RF line (P-2-24)
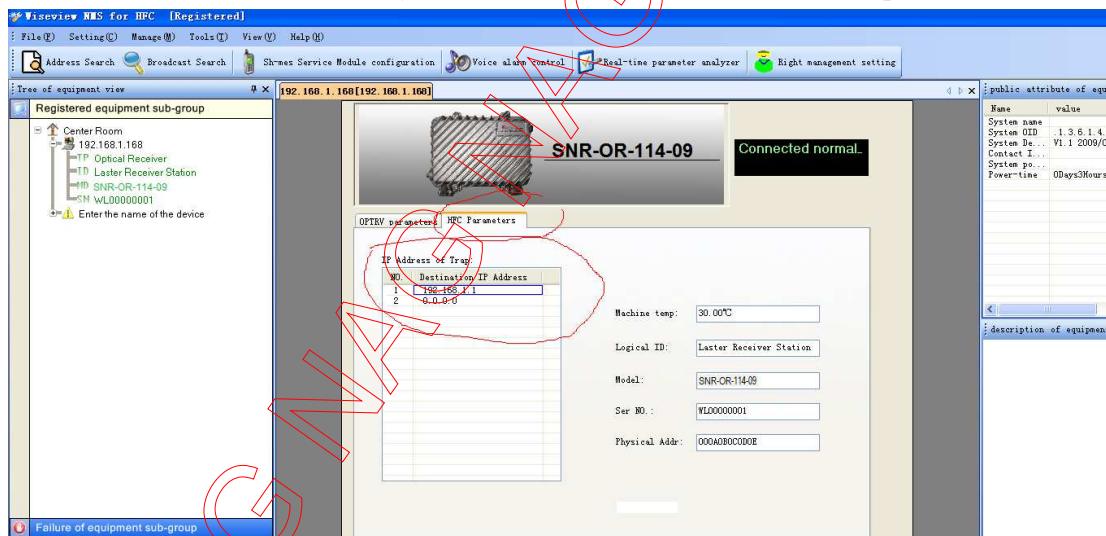

P-2-24

Set EQ:

Double click "EQ" textbox; you can set the equilibrium of the RF line (P-2-25)

P-2-25

Set Trap Address:

Click "HFC Parameter" button, you will see the table of "IP Address of Trap" (P-2-26)

P-2-26

Double click trap Address textbox, you can set new trap address, as usual it is your computer's IP Address, then if the alarm take place, the device will send trap to your computer.