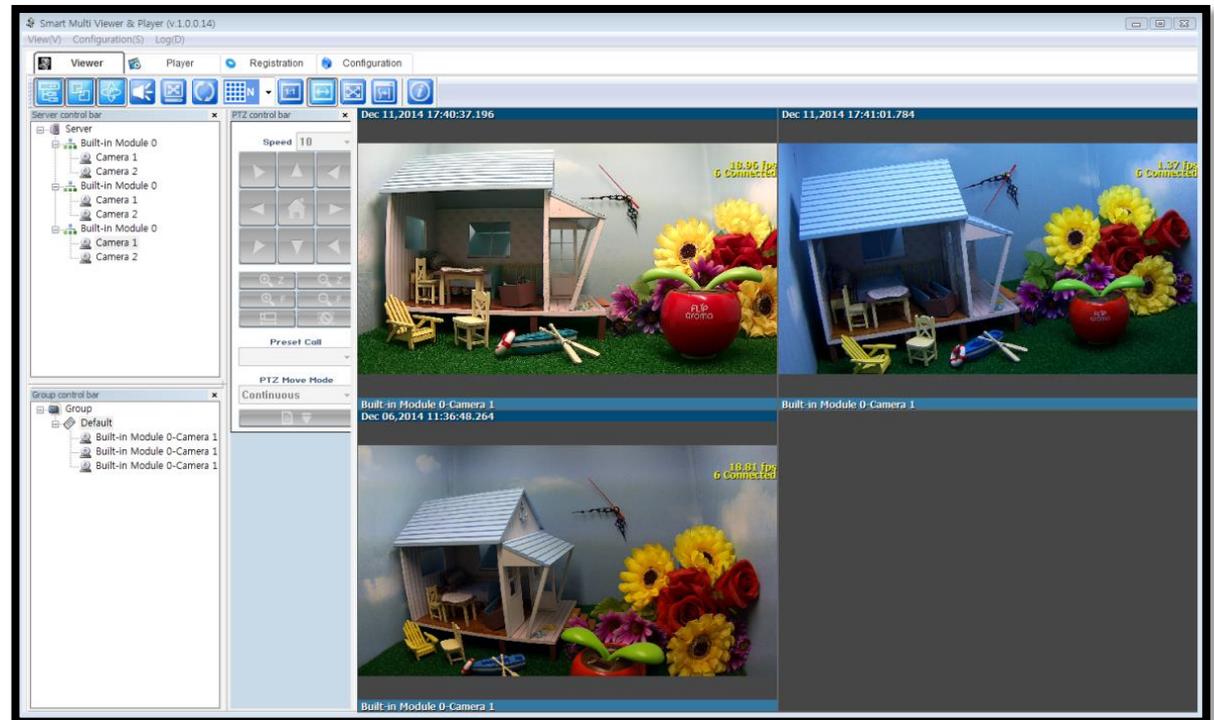


FlexWATCH®

Smart Multi Viewer Player



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Precaution on MicroSD Card

Do not use force, a thin stick or tweezers to remove the microSD card. If you cannot remove the microSD card, contact customer support.

To prevent any data damage, follows the below caution. We do not provide any guarantee for damaged data

- Do not remove a memory card or Do not turn off the IP Camera while reading or writing data,
- Do not operate the IP Camera in the location where static charge or electrical noise is present.

Do not remove the microSD card while IP Camera is recording. Disable the Recording configuration first and then turn off the IP Camera before removing microSD card. Do not insert a deformed microSD card into the Reader.

Do not try to access microSD card extracted from IP Camera on Windows PC or other devices. If Linux file system like ext3, ext4 is not installed, It may destroy all data of microSD card.

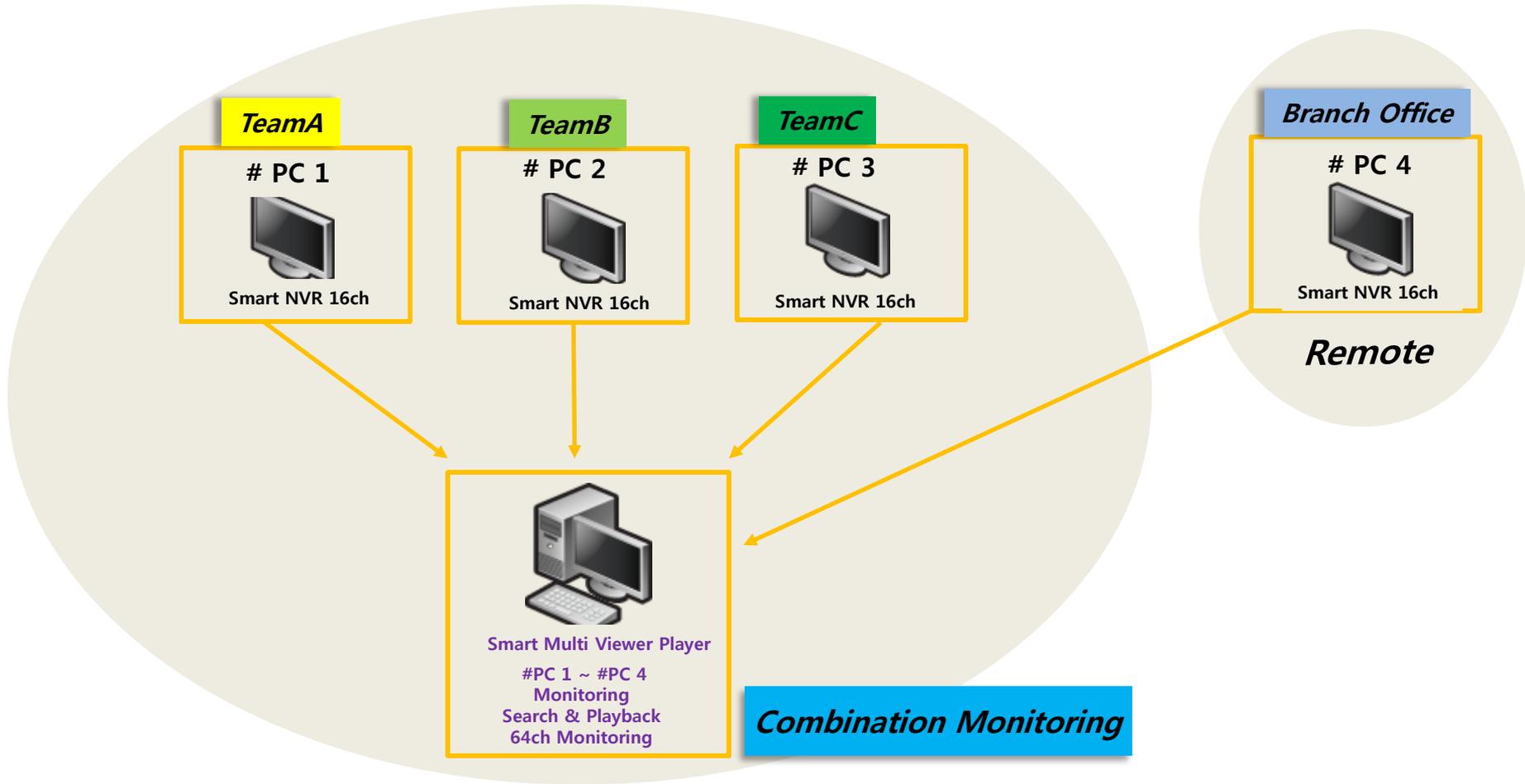
Regular maintenance by formatting microSD card in every 6 months is highly recommended as microSD card could be damaged by physical, or electrical characteristics. or its file system may be fragmented, resulted in degradation in performance by repeated access.

Formatting microSD card will delete all files stored on it. You may use FlexWATCH SmartPlayer to back up the recorded video stream as AVI file before formatting

Contents

Smart Multi Viewer Player

- What's Smart Multi Viewer Player
- Smart Multi Viewer Player Installation
- Smart Multi Viewer Player Menu
- Smart Multi Viewer Player Key Features



What's Smart Multi Viewer Player?

Smart Multi Viewer Player is an application software supports total monitoring service (Live View/Control/Search/Playback) of cameras registered in Smart NVR and network.

Smart Multi Viewer Player Installation

The screenshot shows the FlexWATCH website interface. At the top, there is a navigation menu with the following items: COMPANY, PRODUCTS, SOLUTION, SUPPORT (highlighted with a red box), LIVE DEMO, NEWS, and PARTNERS. Below the navigation menu is a banner image of a library with a security camera in the foreground. The word "SUPPORT" is overlaid on the banner. Below the banner, the page title "SUPPORT" is displayed. On the left side, there is a sidebar menu with the following items: Download (expanded), Firmware, Software (highlighted with a red box), Manual, Document, and Easy Guide. On the right side, there is a table titled "Download" with the following columns: No, Subject, Writer, Date, Read, and File. The table contains the following data:

No	Subject	Writer	Date	Read	File
33	Smart Viewer V1.9.0.0	Admin	2014-04-29	1021	📄
32	Smart Multi Viewer Player V1.0.0.15	Admin	2014-04-29	856	📄
31	IP Installer(V3.0.13)	Admin	2014-04-28	1002	📄
30	FJP Player V1.1.0.0	Admin	2014-04-21	427	📄
29	Smart Player V1.4.0.0	Admin	2014-04-21	548	📄
28	Smart NVR Setup V2.0.0.0 (Multivendor)	Admin	2013-11-18	934	📄
27	Smart NVR Setup V2.0.0.0 (FlexWATCH only)	Admin	2013-11-18	1227	📄

Step1) Connect FlexWATCH® Web site (www.flexwatch.co.kr)

Step2) Go to SUPPORT

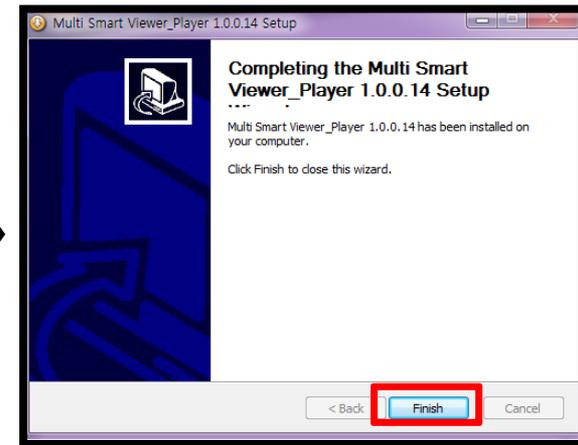
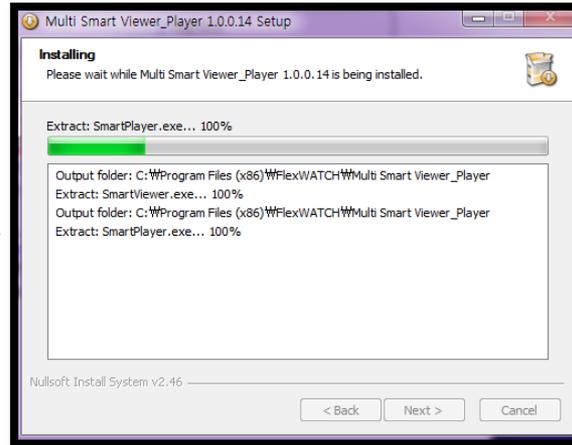
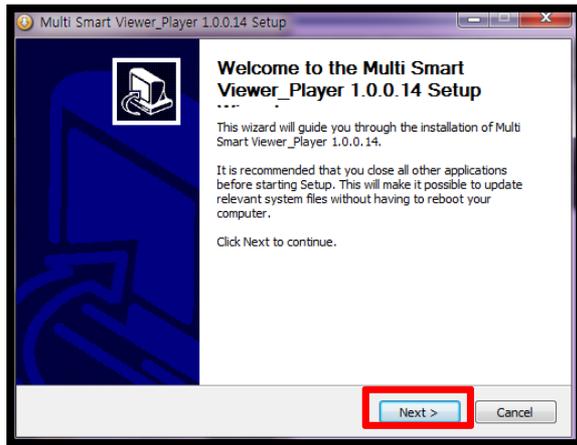
Step3) Download - Software

Step4) Select Smart Multi Viewer Player

Step5) Download Smart Multi Viewer Player Setup File

Smart Multi Viewer Player Installation

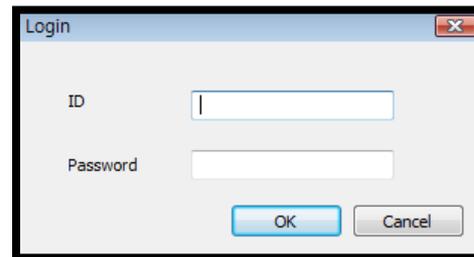
Smart Multi Viewer Player Installation



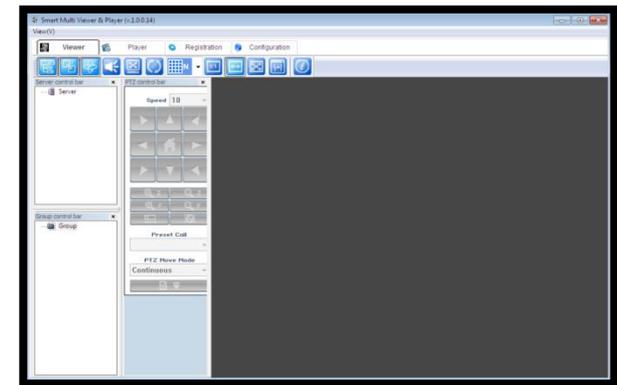
Smart Multi Viewer Player Execution



Double Click
Smart Multi Viewer Player

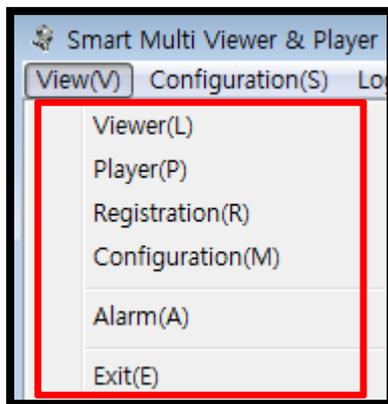
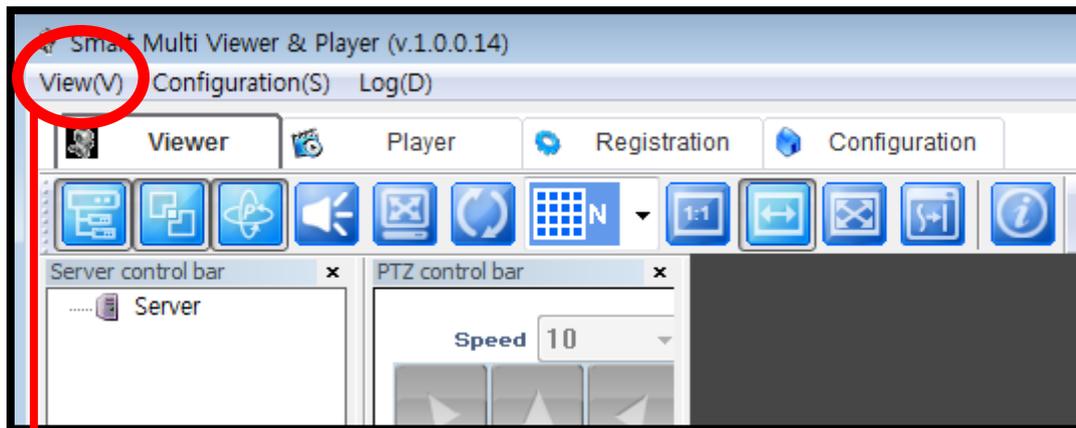


Default ID & Password
ID : root
Password : root



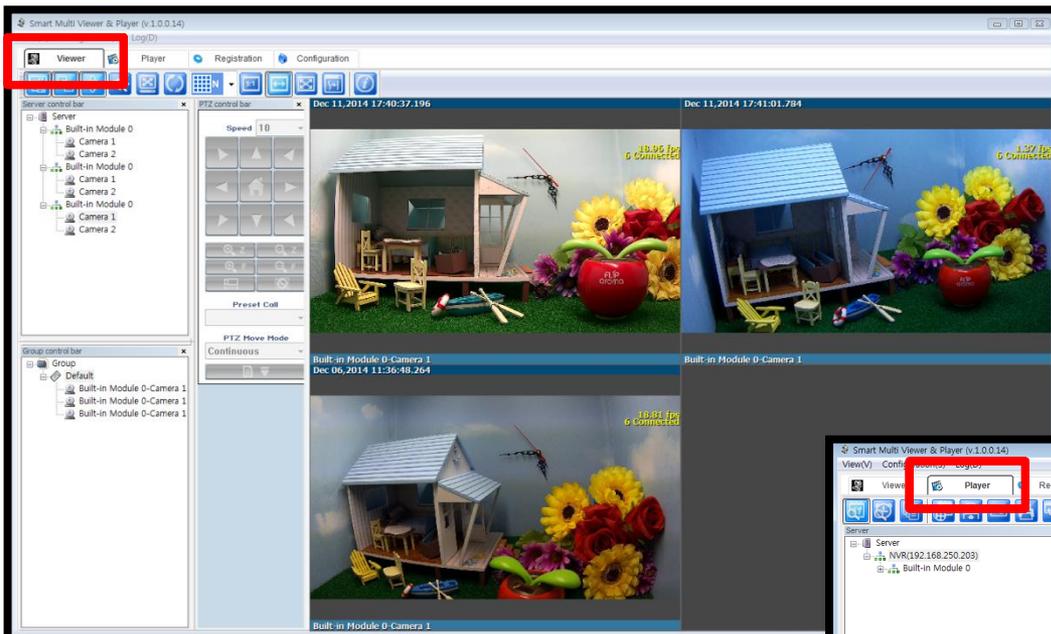
Main Window of
Smart Multi Viewer Player

Smart Multi Viewer Player Menu (View)

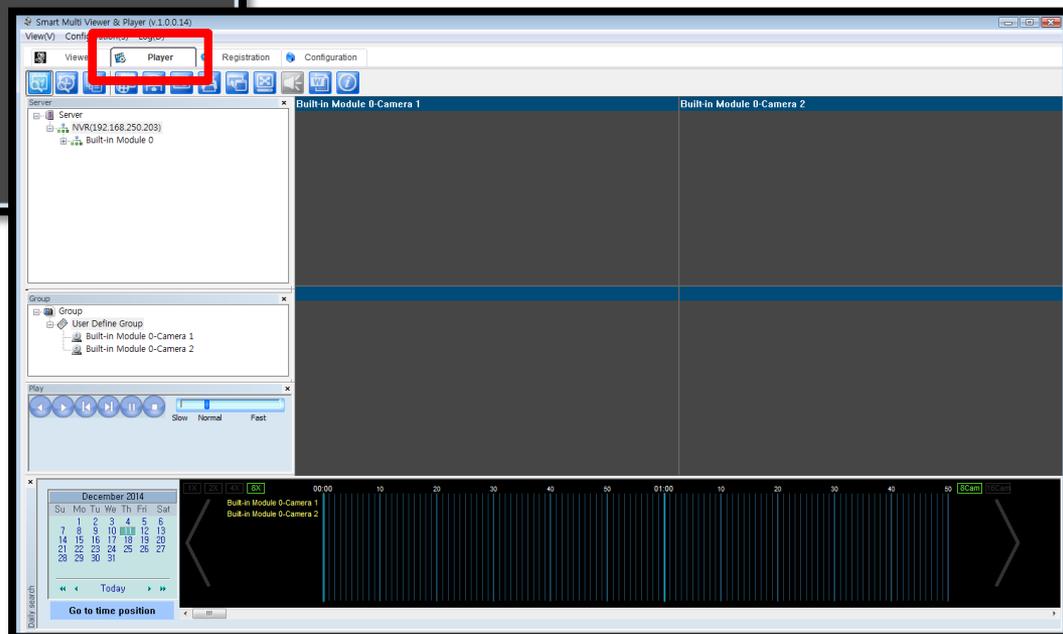


On the top of window you can see
Viewer / Player / Registration / Configuration

Smart Multi Viewer Player Menu (View)



Support Live View and control
Servers/PTZ/Audio/Display Channel/Group



Playback Videos

Smart Multi Viewer Player Menu (View)

Index	Name	Mac Address	IP Address	Server Name	HTTP Port	User Pwd
36	FW-1175-DS	00306B14061	10.10.205.106	6	80	****
69	FW-1175-DS	00306B138d8	10.10.205.101	1	80	****
50	FW-1175-DS	00306B14084	10.10.205.105	5	80	****
74	FW-1175-DS	00306B14087	10.10.205.102	2	80	****
75	FW-1175-DS	00306B14747	10.10.205.104	4	80	****
51	FW-3470-QA	00306F0057d1	10.10.228.250	Network Video System	80	****
65	FW-CMOS-TS	001fb81d0011	10.10.245.100	Network Video System	80	****
4	FW1172-VC-E	00306f46976	10.10.101.222	Network Video System	80	****
46	FW1173-DS-E	00306f837#2	10.10.214.166	Network Video System	80	****
28	FW1173-DS-E	00306f379b1	10.10.214.165	Network Video System	80	****
21	FW1173-DS-O	00306f83ec35	10.10.214.164	Network Video System	80	****
1	FW1173-FS-E	00306f3c880	10.10.243.107	Network Video System	80	****
2	FW1173-FX-E	00306f50215e	10.10.231.72	Network Video System	80	****
52	FW1173-FX-E	00306f840932	192.168.250.202	Network Video System	80	****
18	FW1173-FX-F	00306f8417e3	10.10.214.120	Network Video System	80	****
78	FW1173-MS-E	00306f3801f	192.168.250.201	demo(73MS)	80	****
8	FW1173-TS-E	00306f5018da	10.10.225.203	Network Video System	80	****
57	FW1173-xx-E	00306f38764	10.10.227.40	Network Video System	80	****
55	FW1173MS-E	00306f800009	10.10.221.33	Network Video System	80	****
9	FW1174-DV	00306f3efa1	10.10.225.204	Network Video System	80	****
59	FW1174-FC-E	00306f880006	10.10.243.103	Network Video System	80	****
26	FW1174-FC-E	00306f88000a	10.10.243.106	Network Video System	80	****
5	FW1174-FC-E	00306f880007	10.10.243.100	Network Video System	80	****
33	FW1174-FC-E	00306f880004	10.10.243.102	Network Video System	80	****
34	FW1174-FC-E	00306f880003	10.10.243.105	Network Video System	80	****
10	FW1174-FC-E	00306f880005	10.10.243.104	Network Video System	80	****
17	FW1174-FC-E	00306f880008	10.10.243.101	Network Video System	80	****

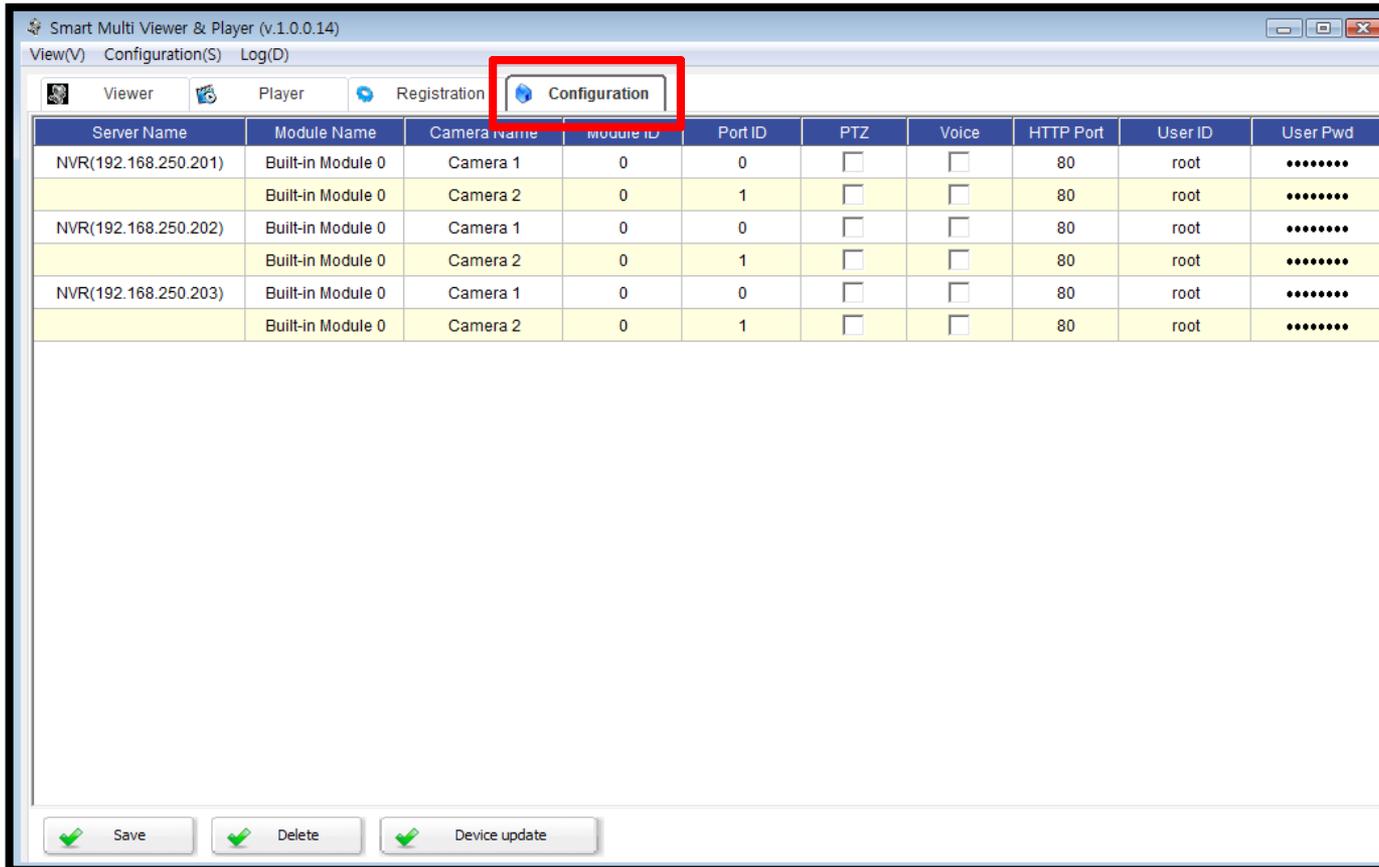
[Registration] - Search and register FlexWATCH® devices in the Network.

A.Search : Search for FlexWATCH® devices in local Network.

Register : Register the devices which retrieved by automatic search.

M.Search : Manually registration of Smart NVR or devices in remote place.

Smart Multi Viewer Player Menu (View)



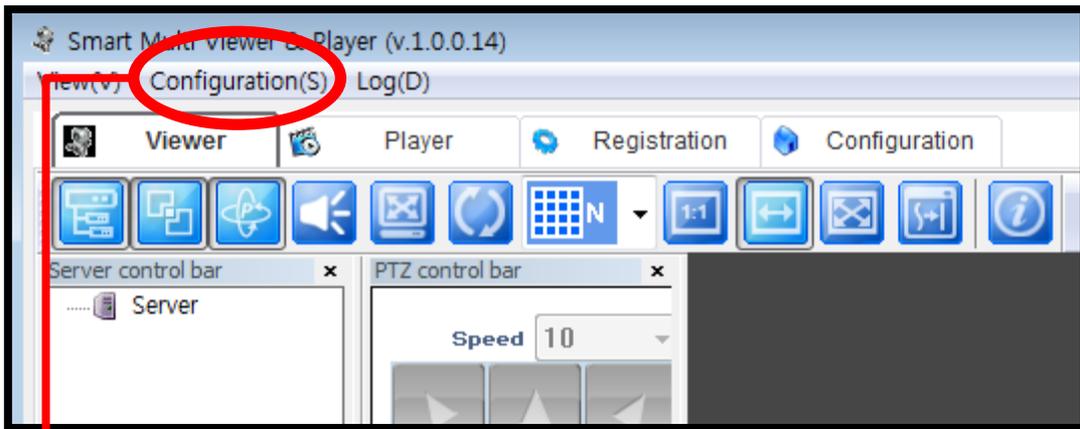
[Configuration] – Able to modify information of registered devices.

Save : Save the modification.

Delete : Delete the cameras and servers.

Device Update : In case that new camera is added in Smart NVR, It will be updated with “Device Update”.

Smart Multi Viewer Player Menu



[Add User (User Configuration-Add)]

ID : Enter ID

Password : Enter Password.

Confirm : Re-enter Password.

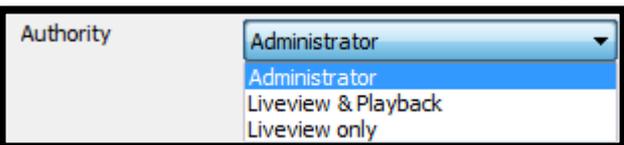
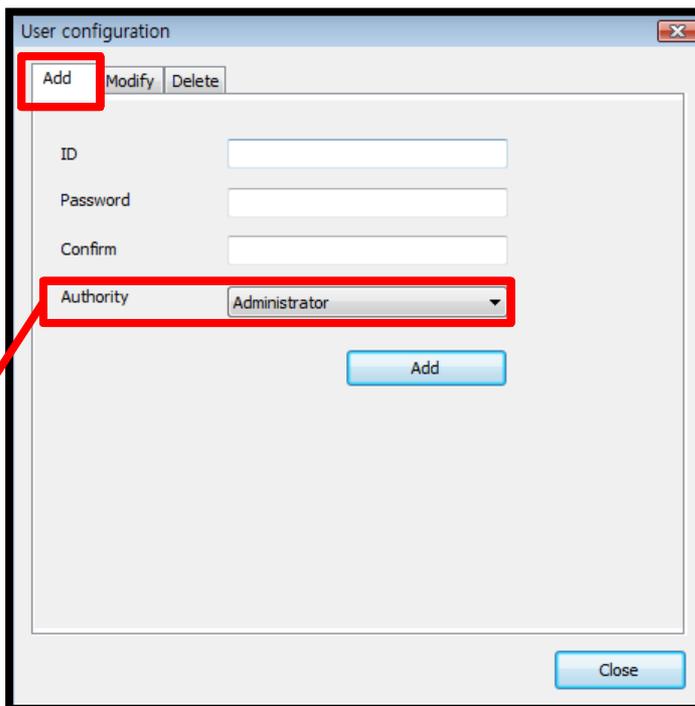
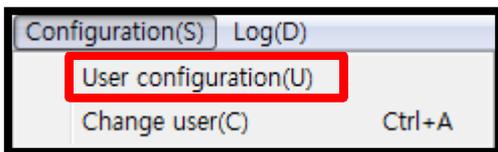
Authority :

Administrator : Have all authority

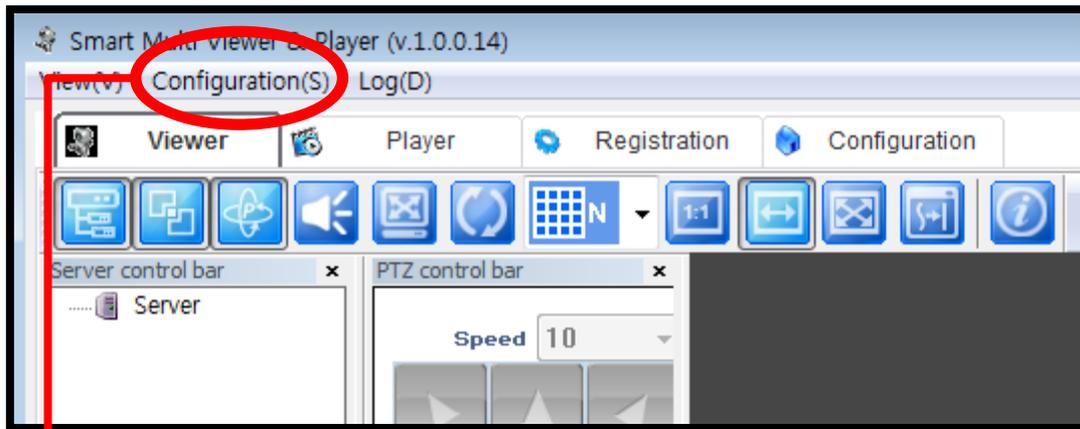
Liveview & Playback : Liveview & Playback only

Liveview only : Liveview only

Add : Confirmation of additional ID



Smart Multi Viewer Player Menu

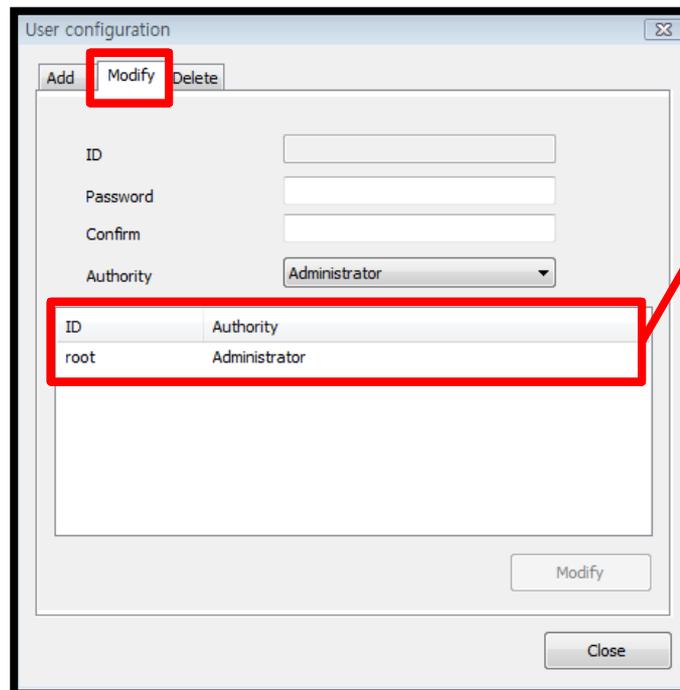
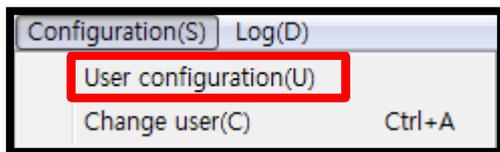


[Modify User (User Configuration-Modify)]

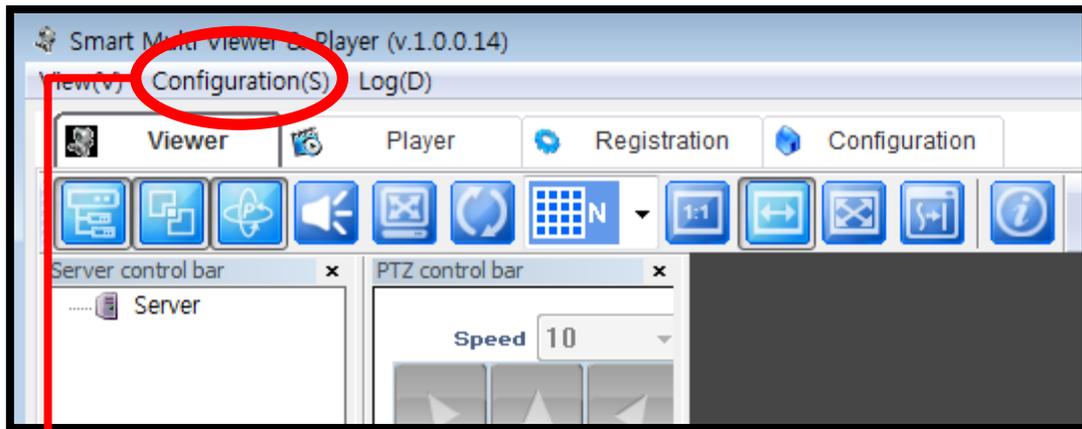
ID : Select ID to modify
(ID root is not changeable.)

Password : Enter Password to Modify
Confirm : Re-enter the Password .

Authority : Select Authority.



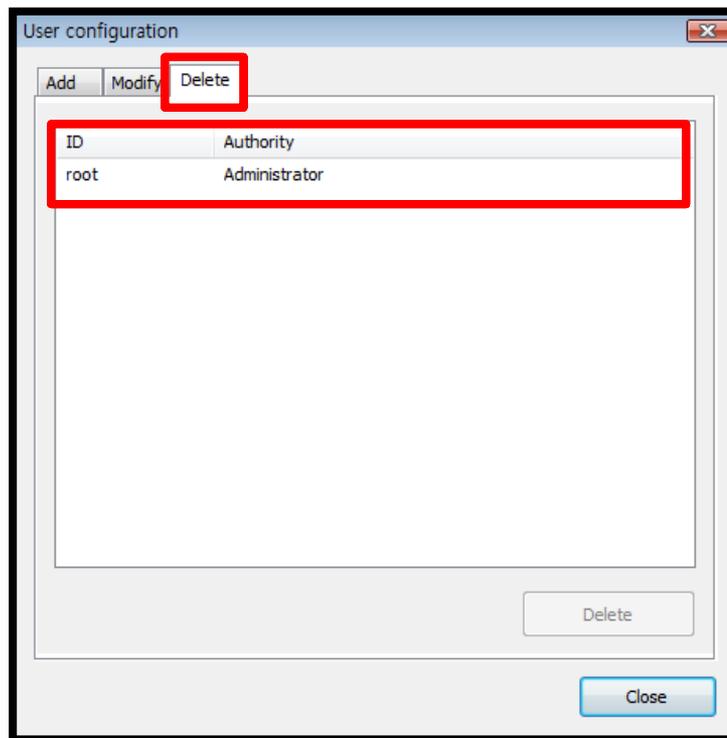
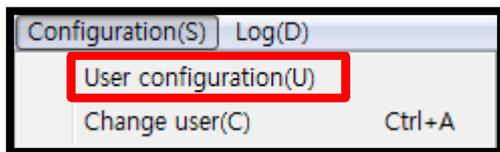
Smart Multi Viewer Player Menu



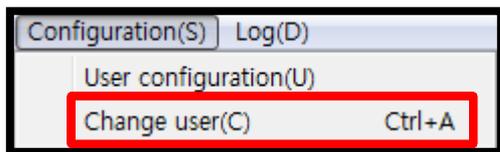
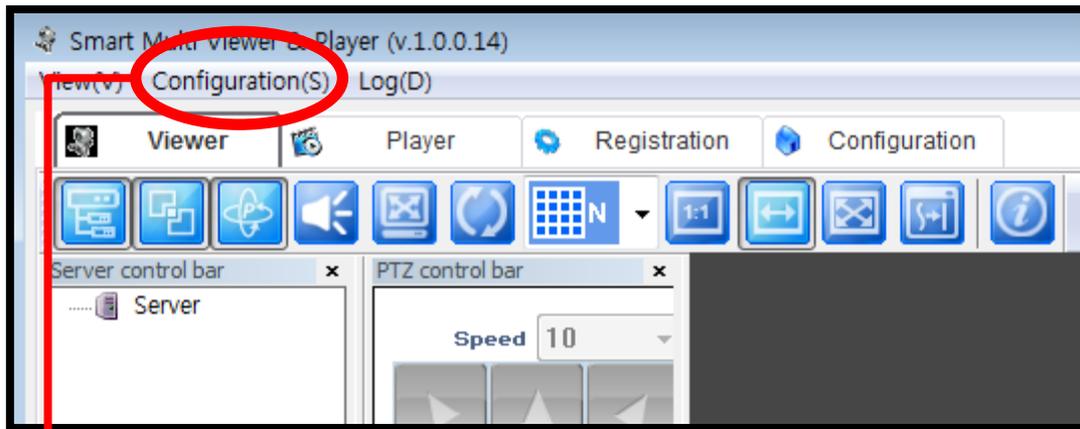
[Delete User (User Configuration-Delete)]

Select ID to delete and click Delete button

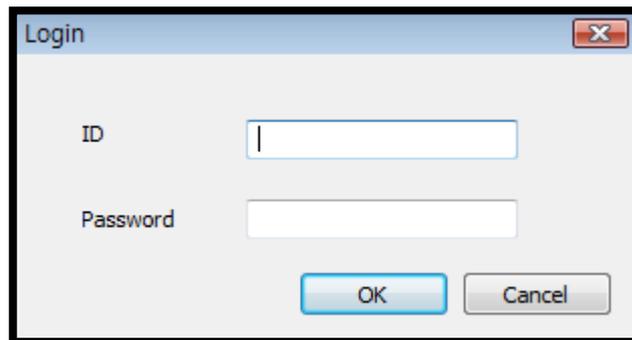
ID root : Can not delete .



Smart Multi Viewer Player Menu



Change user support short key "Ctrl+A" .



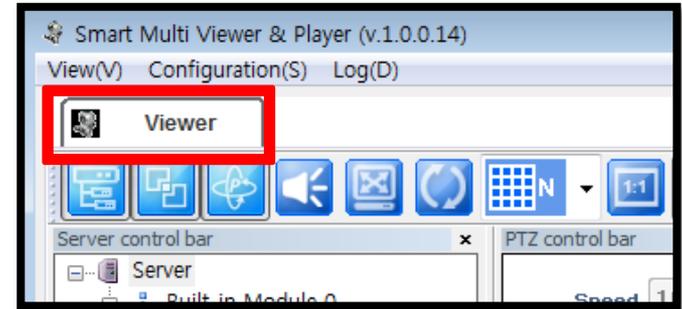
Smart Multi Viewer Player is closed And pop up new log in window.

[Change User]

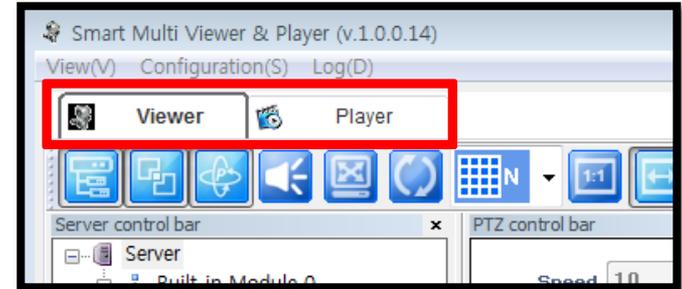
After Log in with registered ID and Password, User can use Smart Multi Viewer Player depends on user ID authority.

Smart Multi Viewer Player Menu (Configuration)

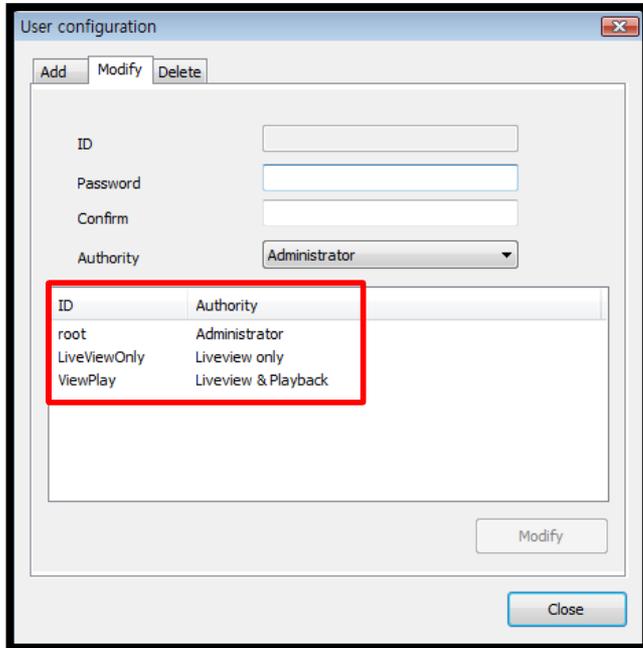
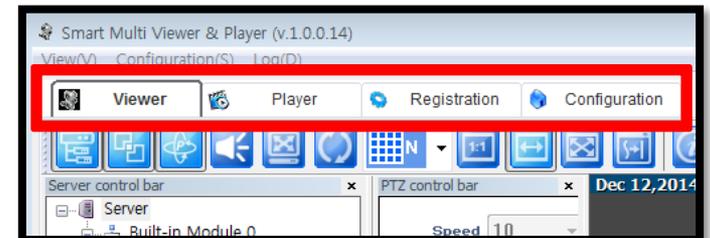
Live View Only



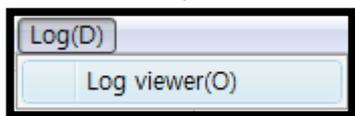
Live View & Play Back



Administrator



Smart Multi Viewer Player Menu (Log)



Date/Time	ID	Status
2014-12-11 13:03:59	root	Login successful
2014-12-11 13:11:42	root	Login successful
2014-12-11 13:13:01	root	Login successful
2014-12-11 13:19:27	root	Login successful
2014-12-11 14:00:14	root	Login successful
2014-12-11 14:26:33	root	Login successful
2014-12-11 17:40:20	root	Login successful
2014-12-12 11:28:58	root	Login successful
2014-12-12 13:41:49	root	Login successful
2014-12-12 14:14:04	LiveViewOnly	Login successful
2014-12-12 14:14:40	ViewPlay	Login successful
2014-12-12 14:23:21	root	Login successful

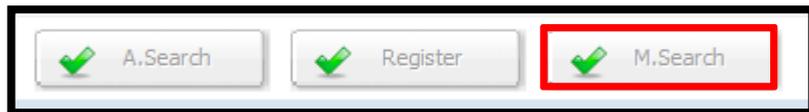
Close

[LOG]

Can check log in information like date, time add ID

Smart Multi Viewer Player Key Feature

Device Registration – Manual Registration



Manual registration

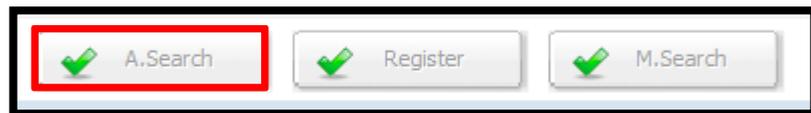
IP Address 192.168.250.201
Port 80
User ID root
Password

OK Cancel

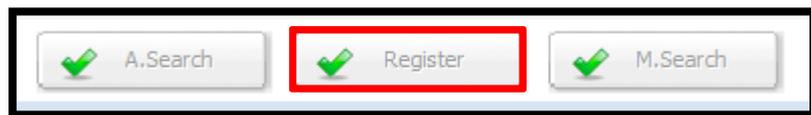
- Step 1 > Click Registration
- Step 2 > Click M.Search
- Step 3 > Enter IP address, Port Number, ID, Password
- Step 4 > Click OK

Smart Multi Viewer Player Key Feature

Device Registration – Registration after search



Index	Model	Mac Address	IP Address	Server Name	HTTP Port	UserPw
11	FW1176-FM1I	00306f8467cf	10.10.221.36	Network Video System	80	....
12	FW7804-FNC	00306f851f27	10.10.228.141	Network Video System	100	....
13	FW1173-DS-E	00306f837#2	10.10.214.166	Network Video System	80	....
14	PXD-2080Z03	00306f80000c	10.10.213.44	Network Video System	80	....
56	FW1173MS-E	00306f800009	10.10.221.33	Network Video System	80	....



- Step 1 > Click Registration
- Step 2 > Click A.Search
- Step 3 > List of device in Local Network
- Step 4 > Choose Device
- Step 5 > Click Register
- Step 6 > Complete

<Note>
Make sure to close IP Installer
During Device Registration

Smart Multi Viewer Player Key Feature

Smart NVR & IP Camera Registration

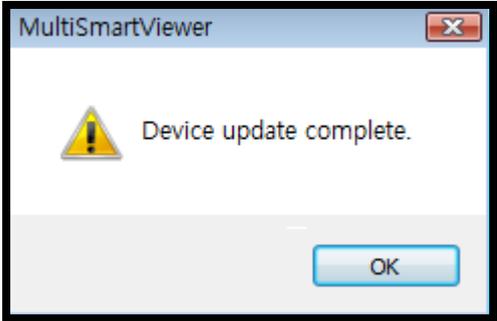
Server Name	Module Name	Camera Name	Module ID	Port ID	PTZ	Voice	HTTP Port	User ID	User Pwd
NVR(192.168.250.201)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
NVR(192.168.250.202)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
NVR(192.168.250.203)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
Network Video System(10.10.211.55)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	****

Buttons: Save, Delete, Device update

The cameras registered in Smart NVR

Search all the cameras registered in Smart NVR
Check "PTZ" and save for PTZ Camera

Each device registration

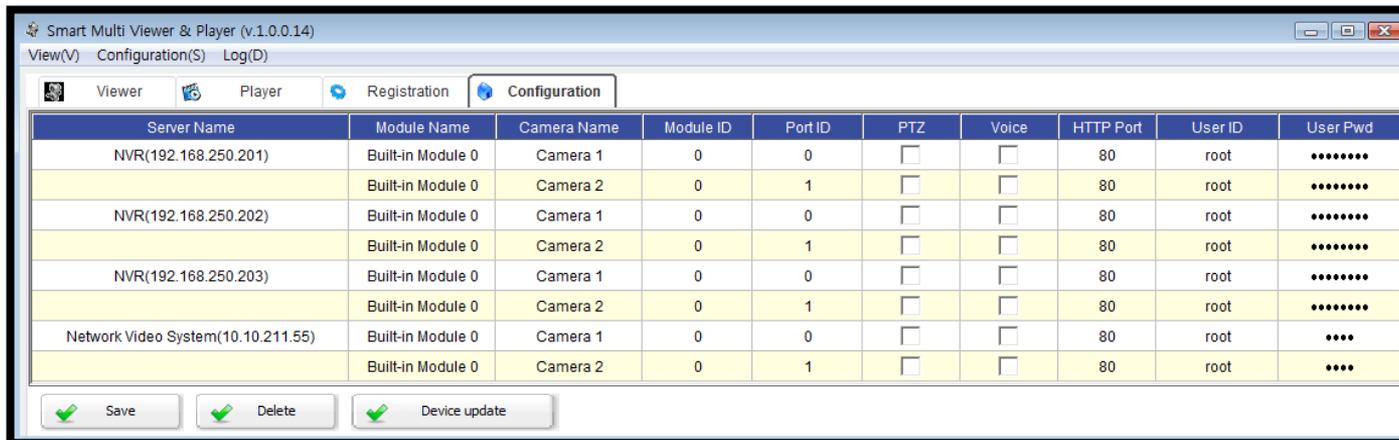


Confirmation message of update

ID	IP-device name	IP address	HTTP ...	Vendor	Model
0	Demo-WM	192.168.250.201	80	FlexWATCH	Dual stream mo...
1	Demo-FV	192.168.250.202	80	FlexWATCH	Dual stream mo...
2	Demo-FC	192.168.250.203	80	FlexWATCH	Dual stream mo...

Smart Multi Viewer Player Key Feature

Description of Function setting



Server Name	Module Name	Camera Name	Module ID	Port ID	PTZ	Voice	HTTP Port	User ID	User Pwd
NVR(192.168.250.201)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
NVR(192.168.250.202)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
NVR(192.168.250.203)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
Network Video System(10.10.211.55)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	....
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	....

- **Server Name** : Can see if NVR or IP camera (Rename with double click)
- **Module Name** : Register the same name as in the NVR (Rename with double click)
- **Camera Name** : Name of Camera name (Rename with double click)
- **Module ID** : Module ID registered in Smart NVR
- **Port ID** : Same as the camera module ID (0, 1 for 2ch / 0, 1, 2, 3 for 4ch)
- **PTZ** : Enable or disable PTZ Function
- **Voice** : Enable or disable Audio Function
- **HTTP Port** : HTTP Port number (Default : 80)
- **User ID** : User ID (Default : root)
- **User Pwd** : User Password (Default : root)
- **Save** : Save after configuration
- **Delete** : Delete device

Smart Multi Viewer Player Key Feature

Description of Function setting

Smart Multi Viewer & Player (v.1.0.0.14)

View(V) Configuration(S) Log(D)

Viewer Player Registration Configuration

Server Name	Module Name	Camera Name	Module ID	Port ID	PTZ	Voice	HTTP Port	User ID	User Pwd
NVR(192.168.250.201)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
		Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
NVR(192.168.250.202)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
NVR(192.168.250.203)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	.....
Network Video System(10.10.211.55)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	....
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	....

Save Delete Device update

Homepage : This function will not be available soon

Delete Camera : Can delete camera

Smart Multi Viewer Player Key Feature

Device update

Cameras registered in Smart NVR

Smart NVR Configurator interface showing a table of registered cameras. The table has columns for ID, IP-device name, IP address, HTTP, Vendor, and Model. The data is as follows:

ID	IP-device name	IP address	HTTP	Vendor	Model
0	Demo-WM	192.168.250.201	80	FlexWATCH	Dual stream mo...
1	Demo-FV	192.168.250.202	80	FlexWATCH	Dual stream mo...
2	Demo-FC	192.168.250.203	80	FlexWATCH	Dual stream mo...

Smart Multi Viewer Player

Smart Multi Viewer Player Configuration window showing a table of registered cameras. The table has columns for Server Name, Module Name, Camera Name, Module ID, Port ID, PTZ, Voice, HTTP Port, User ID, and User Pwd. The data is as follows:

Server Name	Module Name	Camera Name	Module ID	Port ID	PTZ	Voice	HTTP Port	User ID	User Pwd
NVR(192.168.250.201)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
NVR(192.168.250.202)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
NVR(192.168.250.203)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****

Register selected camera in Smart NVR

Smart NVR Configurator interface showing a new camera being registered. The table has columns for ID, IP-device name, IP address, HTTP, Vendor, and Model. The data is as follows:

ID	IP-device name	IP address	HTTP	Vendor	Model
0	Demo-WM	192.168.250.201	80	FlexWATCH	Dual stream mo...
1	Demo-FV	192.168.250.202	80	FlexWATCH	Dual stream mo...
2	Demo-FC	192.168.250.203	80	FlexWATCH	Dual stream mo...
3	TEST_TEST	10.10.211.55	80	FlexWATCH	Dual stream mo...

Smart Multi Viewer Player after device update

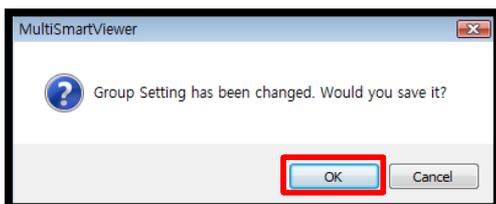
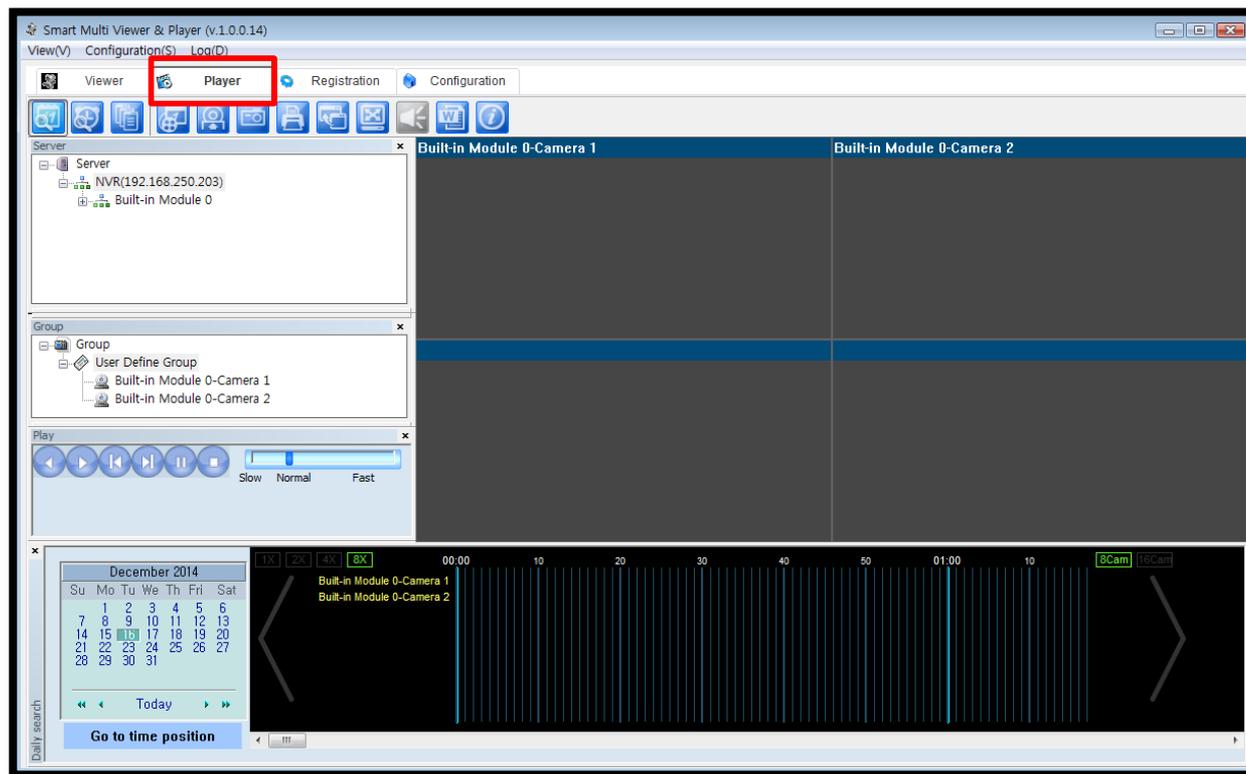
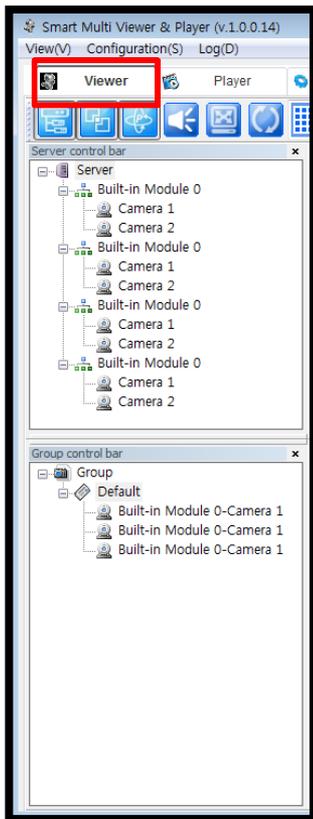
Smart Multi Viewer Player Configuration window showing the updated camera list. The table has columns for Server Name, Module Name, Camera Name, Module ID, Port ID, PTZ, Voice, HTTP Port, User ID, and User Pwd. The data is as follows:

Server Name	Module Name	Camera Name	Module ID	Port ID	PTZ	Voice	HTTP Port	User ID	User Pwd
NVR(192.168.250.201)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
NVR(192.168.250.202)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
NVR(192.168.250.203)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
Network Video System(10.10.211.55)	Built-in Module 0	Camera 1	0	0	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****
	Built-in Module 0	Camera 2	0	1	<input type="checkbox"/>	<input type="checkbox"/>	80	root	*****

Click Save button and move to Viewer, Can find the camera registered in Server

Smart Multi Viewer Player Key Feature

Viewer / Player



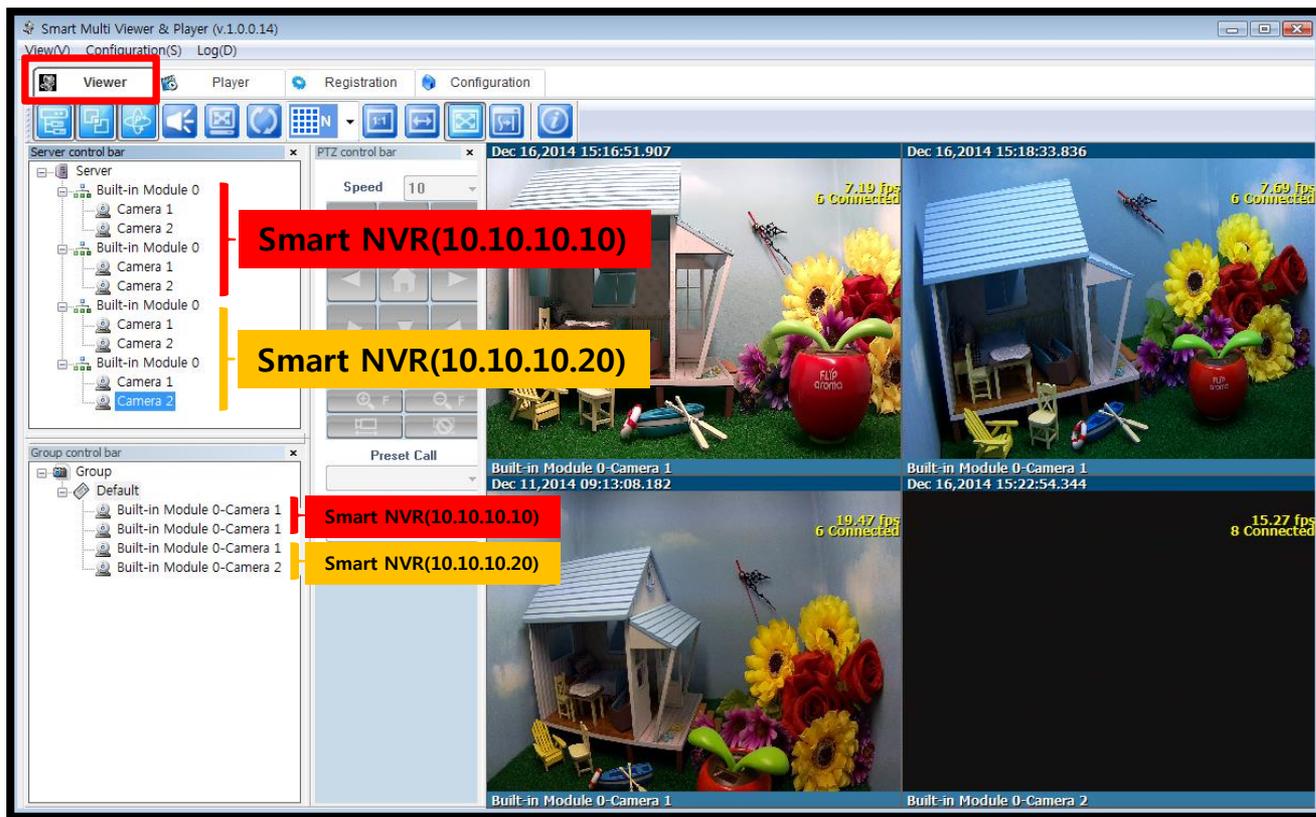
Monitoring and Search & Playback

► Click Viewer or Player and make group and add device in the group

Pop up window if register or delete group in Viewer and move to Player / Registration / Configuration

Smart Multi Viewer Player Key Feature

Difference between Viewer and Player



In Viewer, a number of Smart NVRs or servers can be registered in a group and monitoring.
In Player, each server only can be registered in a group (Separate server can not be registered in a group)