



IVMS-4200 V2.3.1.3

2015-05-06

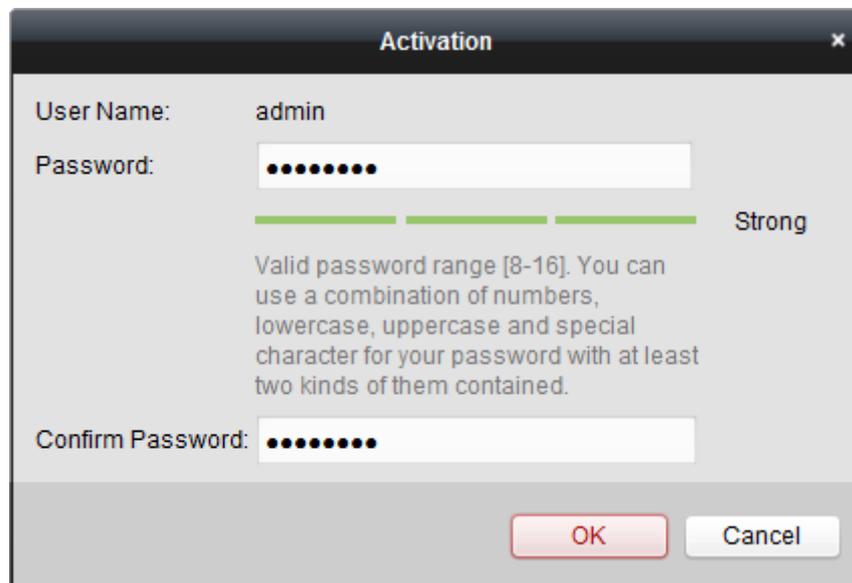
iVMS-4200 V2.3.1.3 Release Notes

General Information

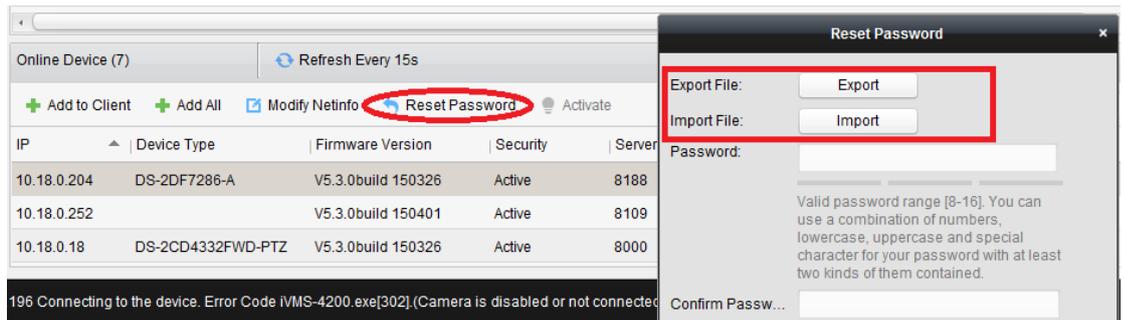
Software Version	V2.3.1.3
Network SDK Lib	V5.0.3.17_build20150210
Play Lib	X64: V6.5.0.5_Build20141217 X86: V7.2.2.30_Build20150211
VCA Config Lib	V3.2.10.1_build20150316

V2.3.1.3 Key Updates

1. Activate HIKVISION devices (IPC/IPD/DVR/NVR etc.) and new password recovery strategy is included;
 - Newly manufactured device with the latest firmware must be activated by creating a new password before adding into ivms-4200.



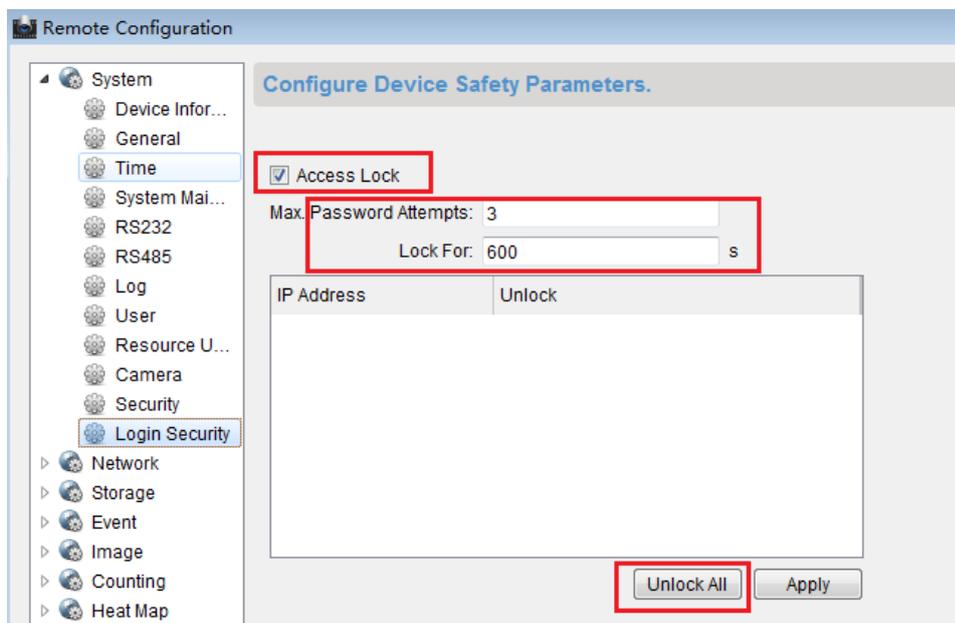
- New password recovery strategy is supported for the device with the latest firmware version (IPC/IPD: V5.3.0 and above, DVR/NVR: V3.3.0 and above, etc.)



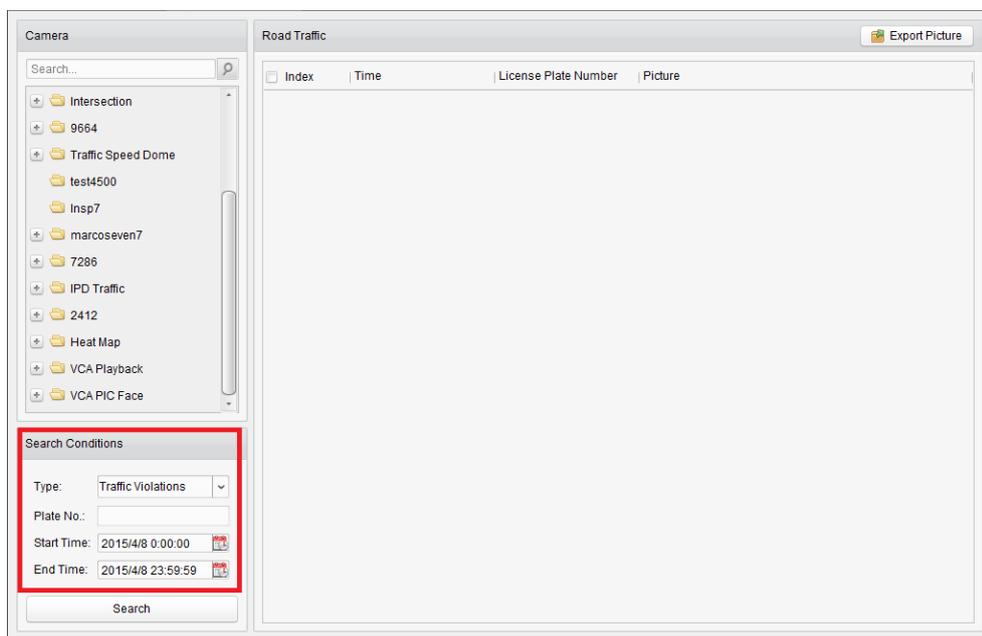
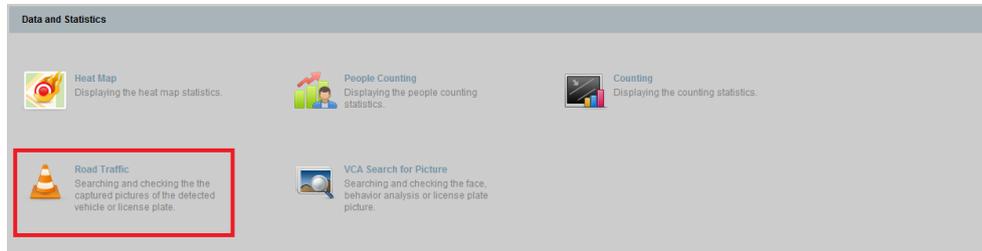
2. Add password level prompts(Risk/Weak/Medium/Strong) in **Security** column for the devices which have already been added into ivms-4200 in the **Device Management** interface or while creating new password;

Device for Management (13)					
+ Add Device Modify Delete Remote ... VCA Allo... QR Code Activate Refresh All Filter					
Nickname	IP	Device Serial No.	Security	Resource Usa...	HDD St
4124 Counting	10.11.37.197				
5220	172.10.18.150	DS-2DF5220S-D420150211CCWR485342073B	Risky		
9664	10.16.1.13	1620141031AARR483862763WCVU			
Intersection	10.99.105.140	DS-9616N-ST1620130301BBRR407129395WCVU	Risky		
Traffic IPC	172.10.21.202				
Traffic Speed ...	10.10.38.155	iDS-TCS215-F520150227CCCH505266451B	Risky		
7286	10.16.1.199	DS-2DF7286-A20141110CCWR481390656C	Strong		
IPD Traffic	172.10.21.180	iDS-2DF8223I-A20141226CCCH496681277B	Risky		
2412	10.16.1.251	DS-2CD2412F-IW20140118CCCH450047294	Risky		
IPC 01	10.16.2.64		Inactive		

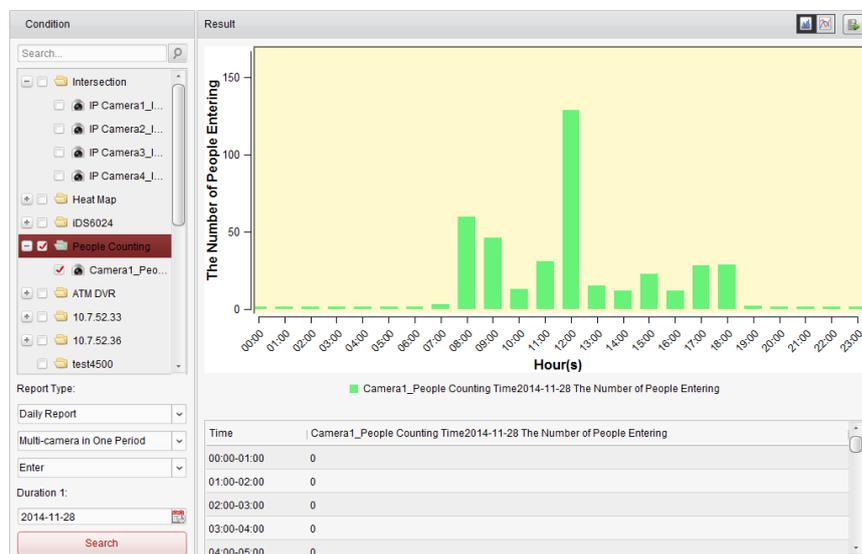
3. Optimize the lock strategy for some specific back-end devices: Lock access, Password attempt times and lock duration are configurable by ivms-4200, also support unlock the locked IP;



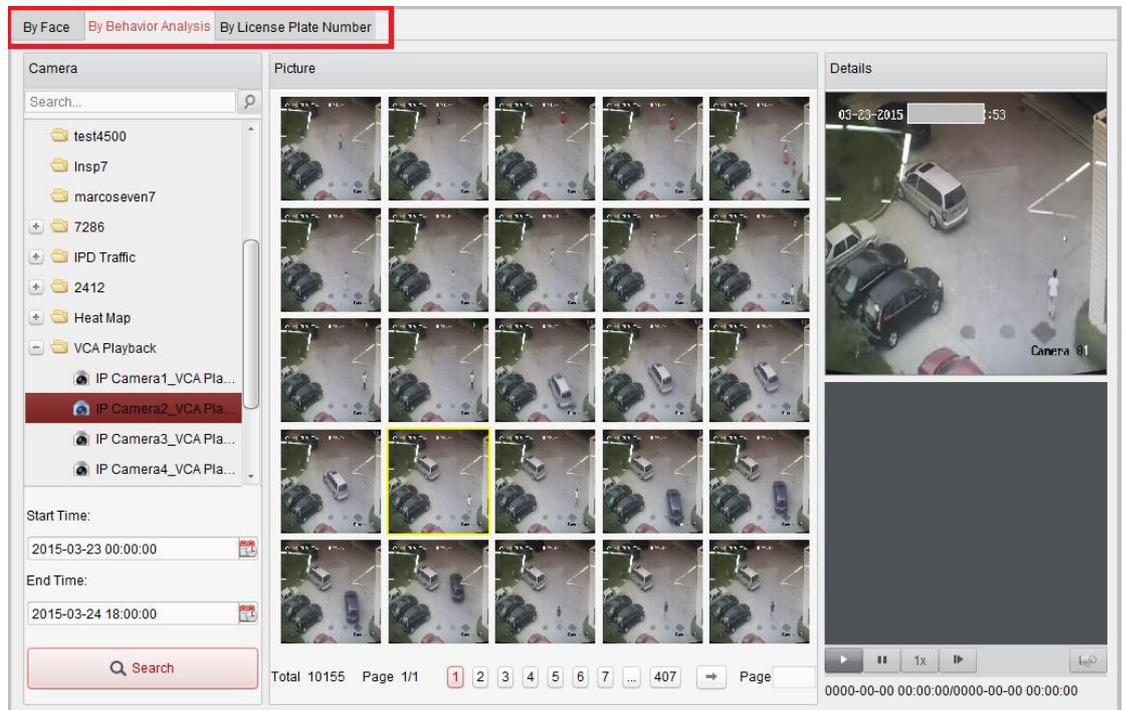
- Support super NVR series(96128/256NI-E) adding into ivms-4200 and management;
- Add **Road Traffic** monitor module, **Mixed-traffic/Vehicle Detection/Traffic Violation** detection are available, the captured pictures of the detected vehicle or license plate can be searched, checked and exported;



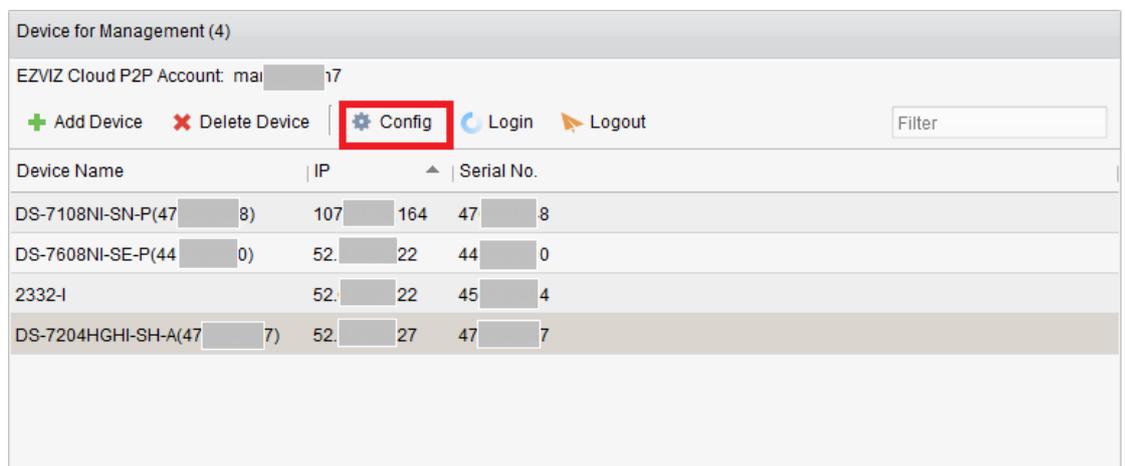
- Add **Counting** module, **Counting** and **People Counting** are distinguished correspondingly for smart devices and ids devices. The statistics can be displayed in line chart or histogram and also be exported;



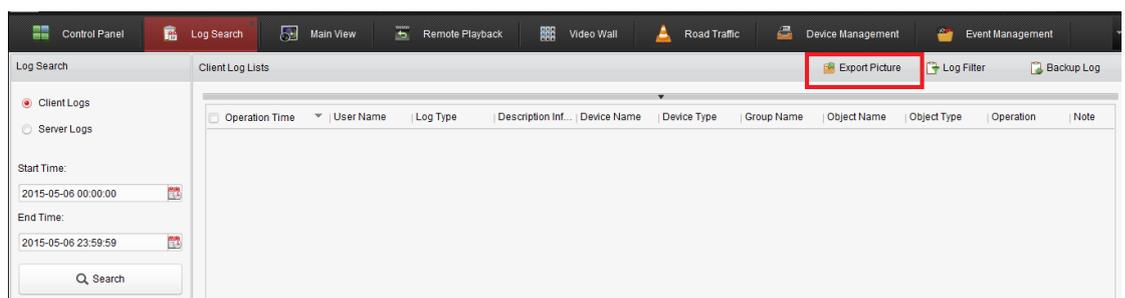
7. Add **VCA search for pictures** module, compatible with NVR smart 2.0 tech. Three search types as **By Face**, **By Behavior Analysis** or **By License Plate Number** are available, users can search the related picture and play the picture related video file.



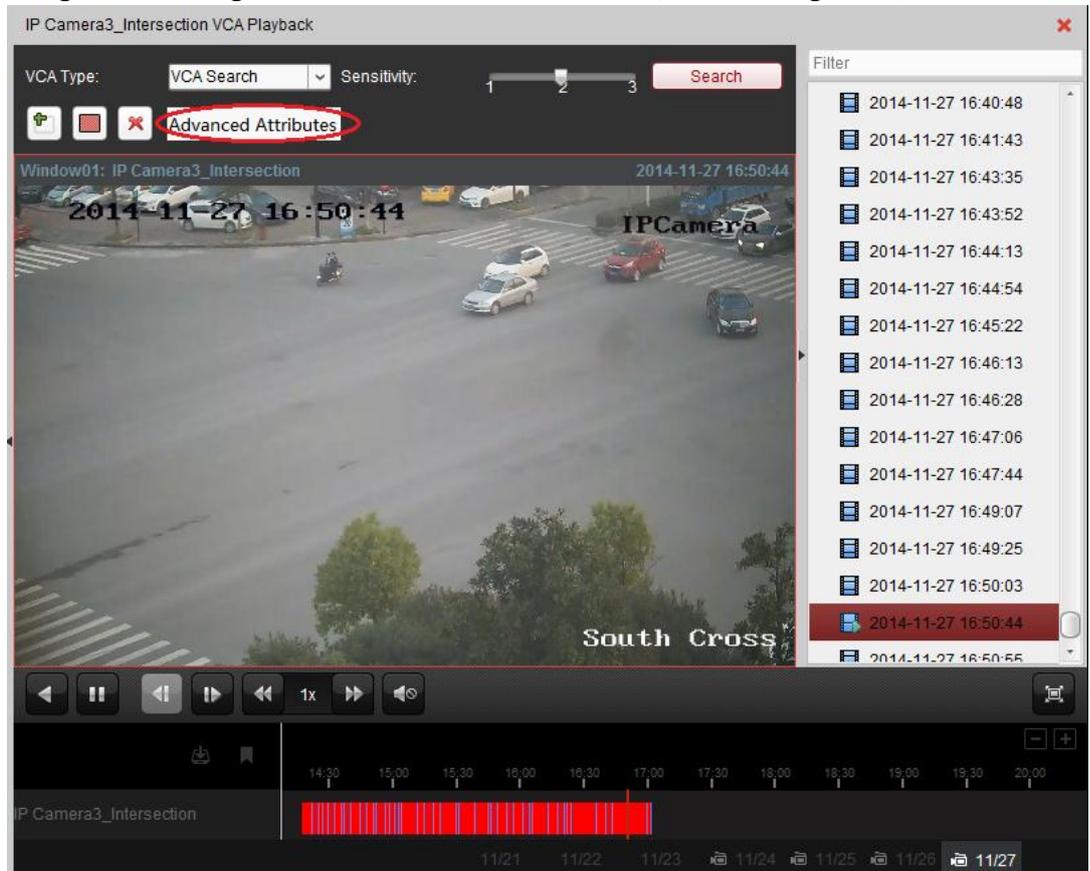
8. Support remote configuration for some specific devices added by Ezviz method (more devices models will be supported further);



9. Support export alarm pictures stored in the storage server via log search;



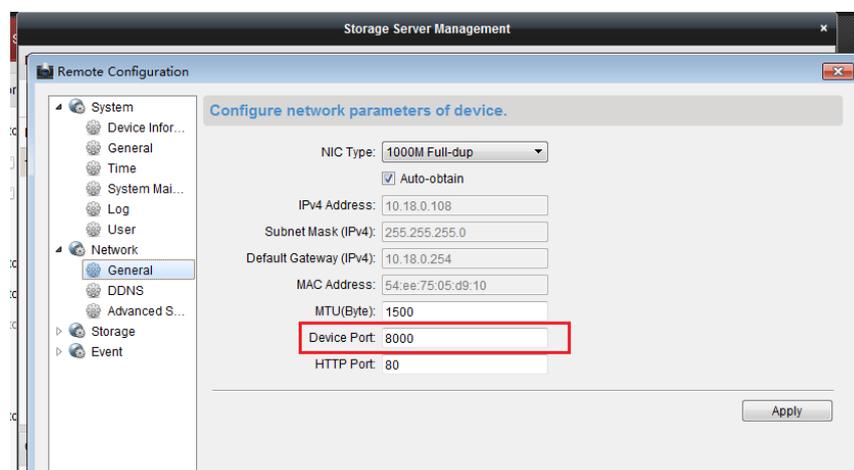
10. Optimize the VCA playback function for some specific devices. It supports filter the searched video files by setting the **Advanced Attributes**, such as the gender and age of the human and whether he/she wears glasses;



11. Add H.265 video encoding and PCM audio encoding type;
12. Support receiving NVR V3.2.0, IPC V5.3.0, CVR 2.3.1 alarm info;
13. Support new OS (running environment): Windows Server 2012/Windows Server 2008 R2 (64-bit system).

Other Updates

1. Device port (8000 as default) is configurable for ivms-4200 storage server. It can solve the port conflict problem when run the storage server on PC sometimes;



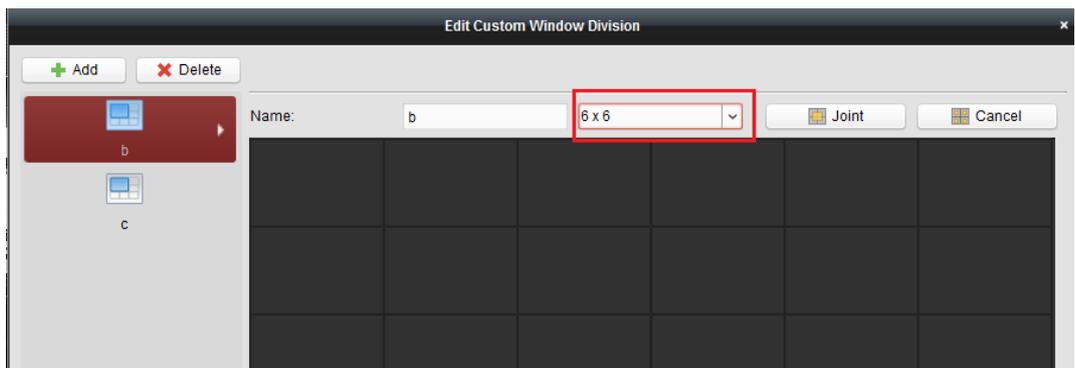
2. Add Color Schemes when generate **Heat Map** in **Picture** mode;



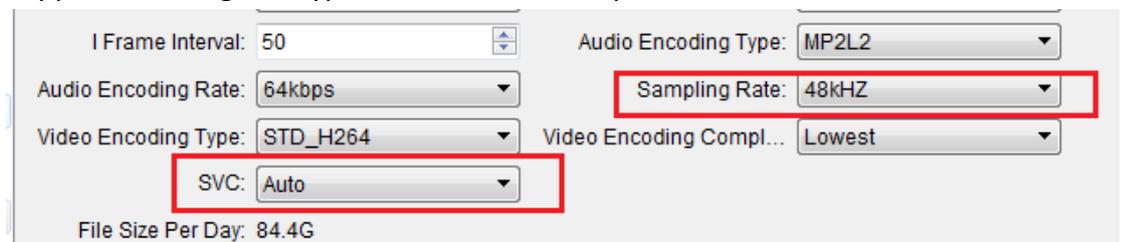
3. Add Enter/Exit/Enter and Exit modifier when save the Counting, People Counting statistics result to your PC.
4. Display the current connecting IP info of front-end devices(IPC/IPD) in **Camera Status** interface;



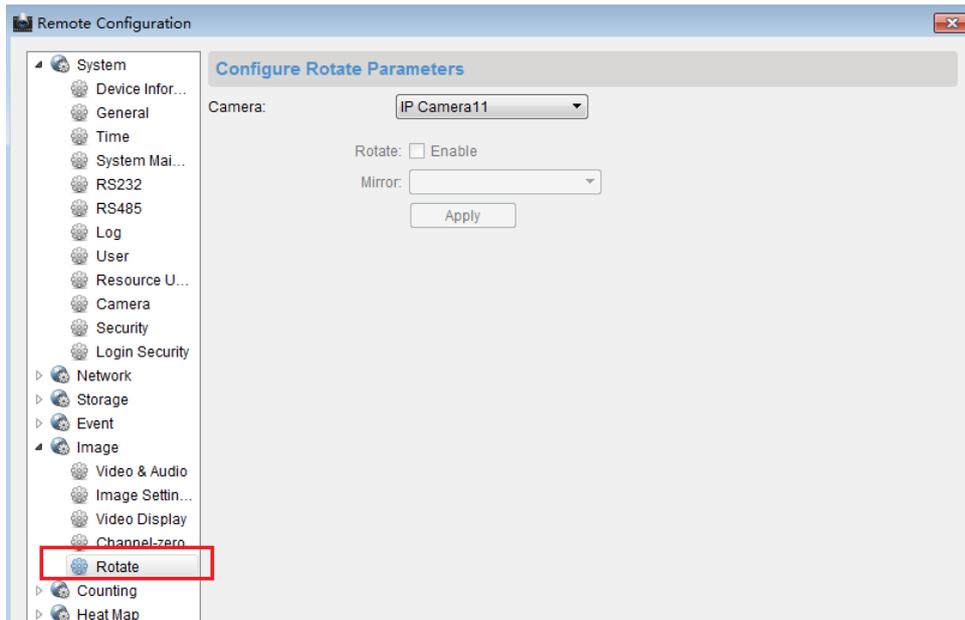
5. Add 6*6 division mode for **Custom Window Division**;



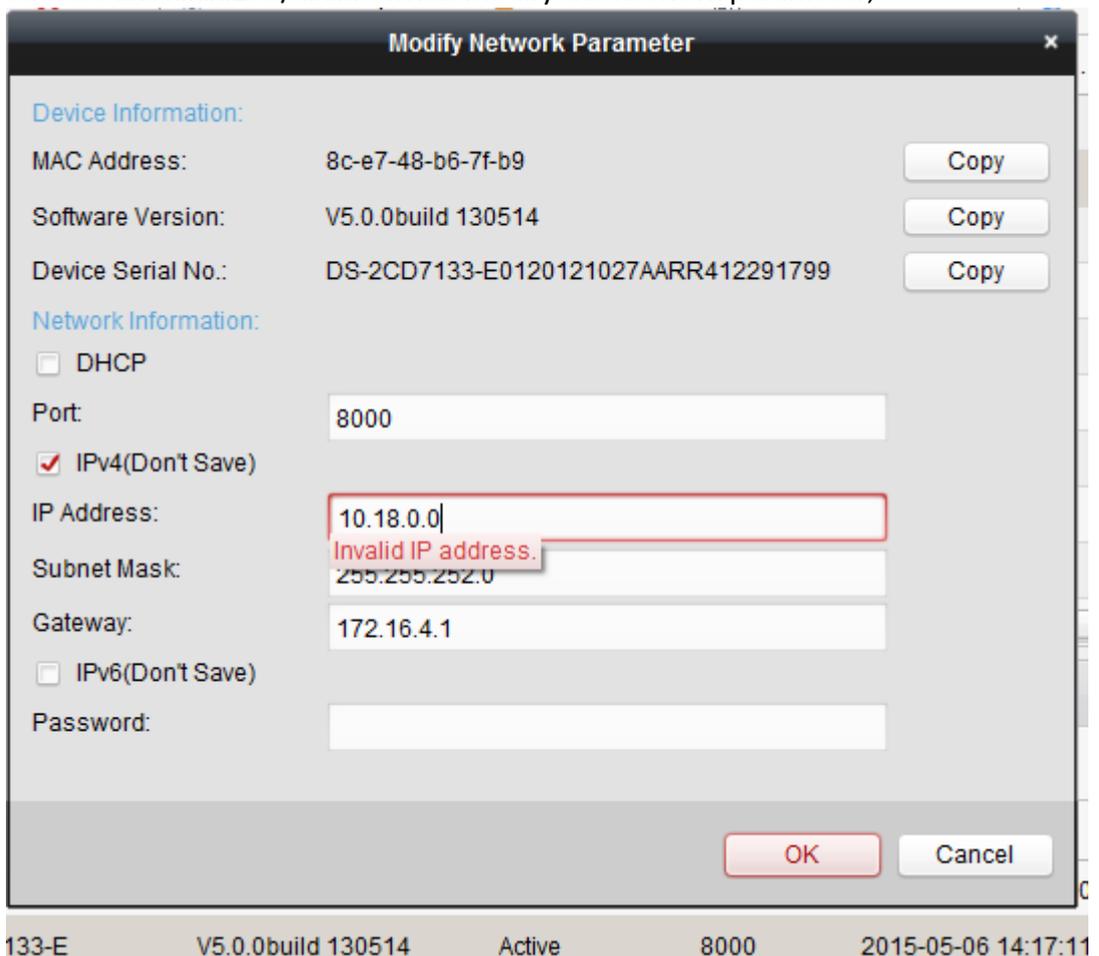
6. **Sample Rate** parameter can be up to 48kHz for AAC and MP212 audio encoding type;
7. Support choosing **SVC** type as **Auto** mode for specific IPC;



8. Support **detection target filter** for Intrusion Detection, Line Crossing, Region Exit, Region Entrance, Fast Moving in remote configuration interface for some specific smart devices or ids devices;
9. Newly adds **Rotate** configuration in **Remote Configuration** for devices;



10. Optimize remote configuration library, it supports judging the invalid IP address like x.x.x.255/x.x.x.0 when modify the network parameter;



11. For more update information, please kindly refer to the user manual of ivms-4200 V2.3.1.3 and download the new version software for your experience.

Hope you continue enjoying new HIKVISION iVMS-4200