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| Title: | How to add MVR to iVMS-4200 Mobile | Version: | v1.0 | Date: | 8/8/2019 |
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How to Add MVR to iVMS-4200 Mobile

1. Introduction of iVMS-4200 Mobile

- 1) iVMS-4200 Mobile is a software special for mobile devices, it uses EHOME protocol to communicate with mobile devices.
- 2) Install 4200 mobile software firstly, and then turn off firewall of computer. Platform server IP is the same as IP address of computer. And if you use public network, port mapping is also necessary.
- 3) Ports list of iVMS-4200 mobile surveillance client as follow:
Registration management server port: 7660
Alarm management server port: 7300
Live view port: 9200~9264 TCP/UDP
Playback port: 8300~8400 TCP

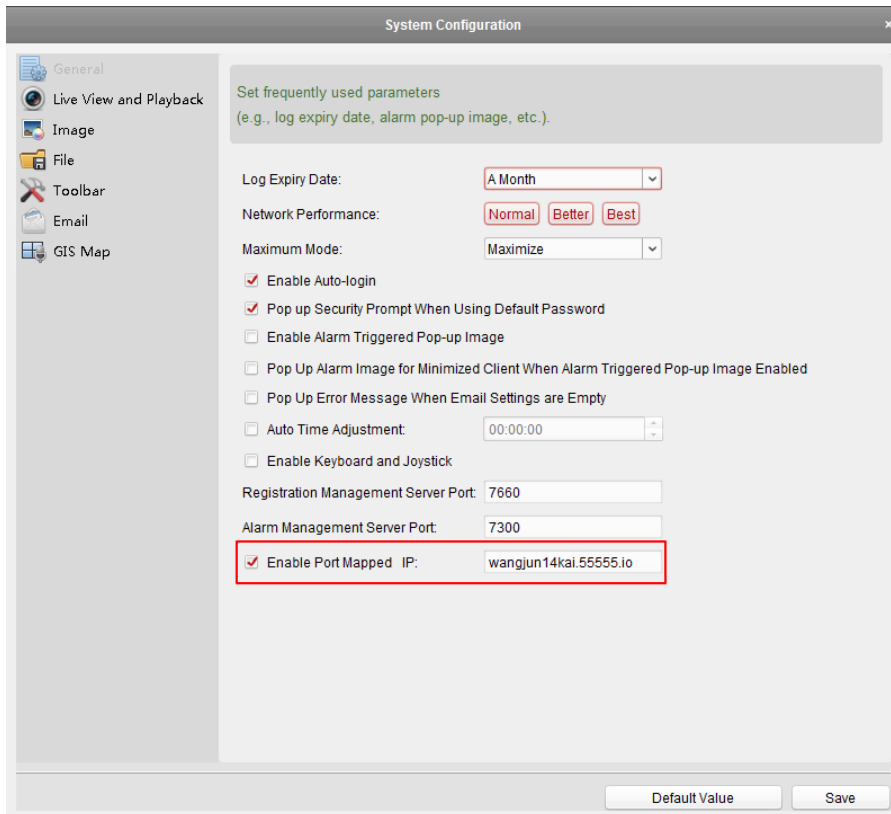
2. Add mobile device to iVMS-4200 Mobile

- 1) Login web page of MVR, enable platform access, and fill in server address, Device ID, and then click save. Server address is the same as computer's IP address, if customer use public network, customer need fill in public IP address or domain name here. Device ID is editable. All other values are kept as defaults.

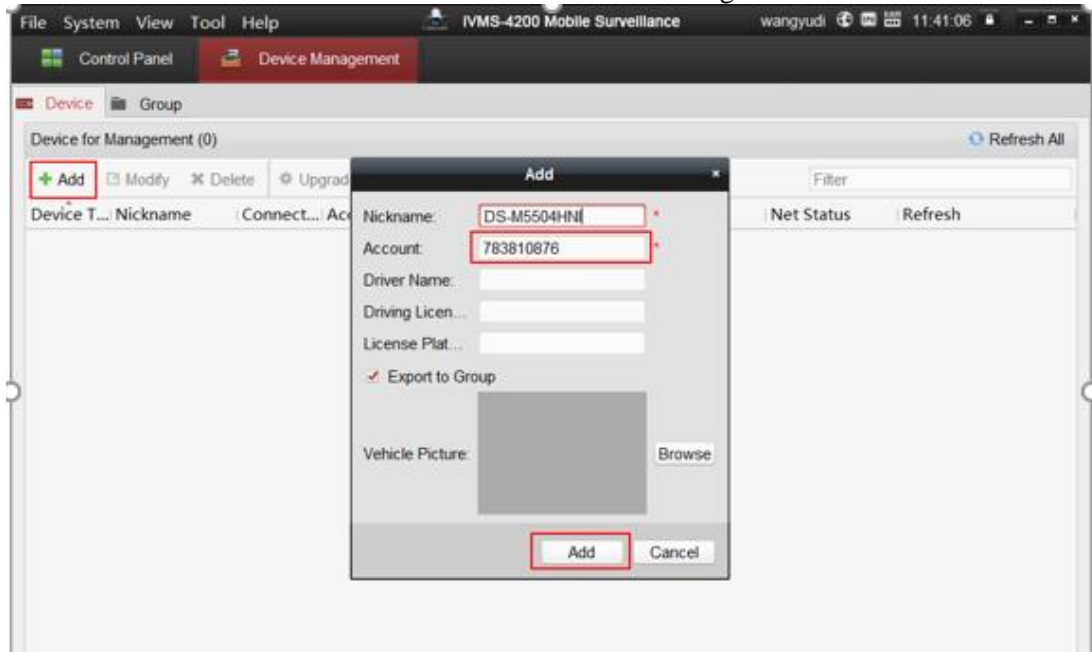
The screenshot shows the MVR web interface. At the top, there are tabs for 'Live View', 'Playback', 'Picture', and 'Configuration'. The 'Configuration' tab is selected. On the left side, there is a navigation menu with options: 'Local', 'System', 'Network', 'Basic Settings', 'Advanced Settings', 'Video/Audio', 'Image', 'Event', 'Storage', and 'Vehicle'. The 'Advanced Settings' section is expanded, showing 'Platform Access' settings. The 'Platform Access' section has a sub-menu with 'Platform Access', 'Wi-Fi', 'Wi-Fi AP', and 'Other'. The 'Platform Access' sub-menu is selected. The settings are as follows: 'Enable' is checked, 'Platform Access Mode' is 'Ehome Platform', 'Server Address Type' is 'IP Address', 'Server Address' is '10.16.112.10', 'Server Port' is '7660', 'Device ID' is '783810876', and 'Register Status' is 'Online'. A red 'Save' button is at the bottom.

- 2) Running iVMS-4200 mobile surveillance software, enter into system configuration page, enable port mapped IP when use public network. It also supports fill in domain name here. Restart the client after fill in public address.

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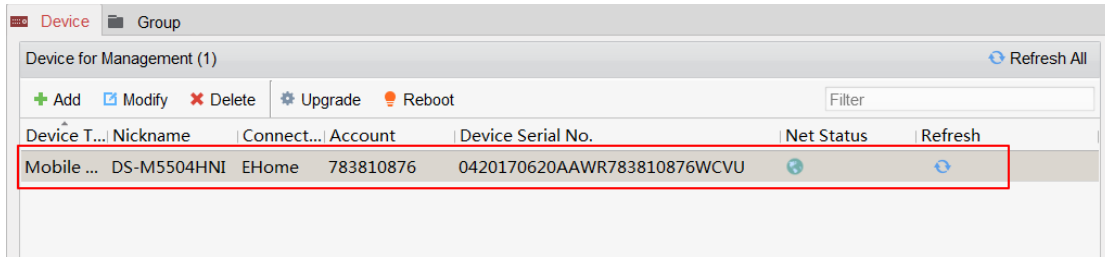


- 3) Enter into device management page to add device. Fill in nickname and Account, nickname is self-defined and account needs to be the same as Device ID configured on MVR.

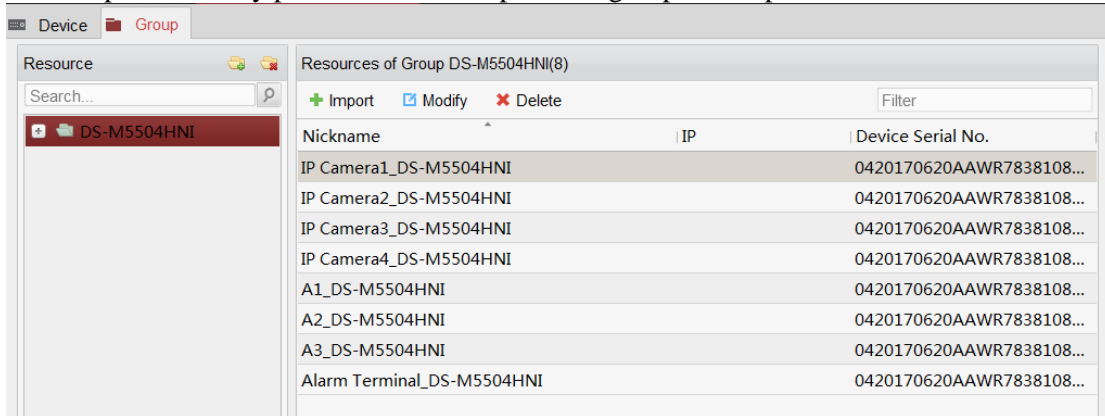


- 4) When the network between mobile device and iVMS-4200 client is accessible, it will shows online on device management page.

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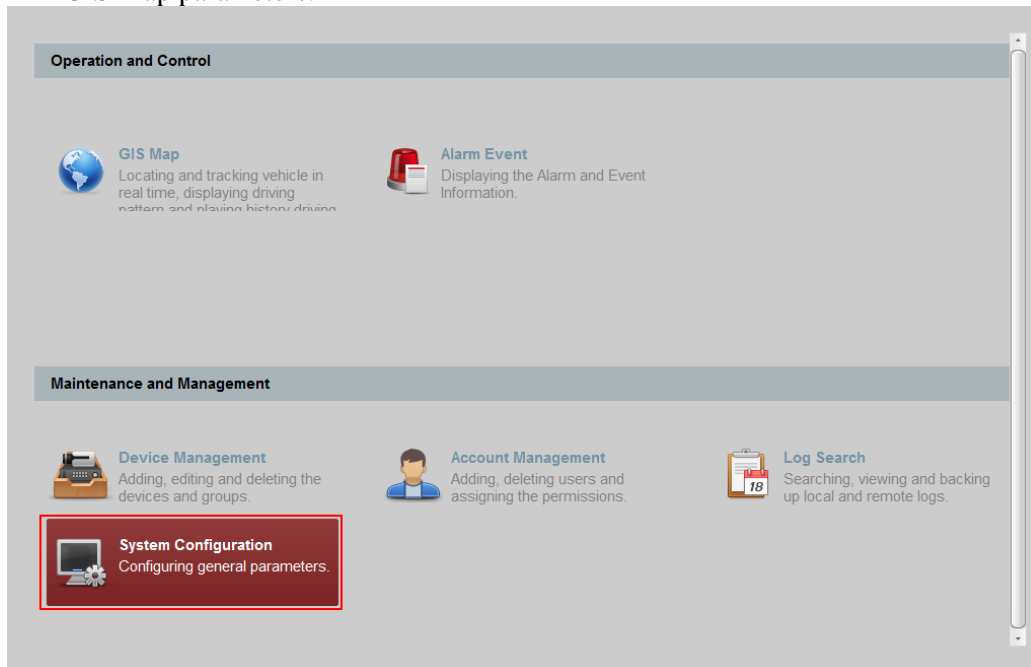


5) Then import monitory points and alarm inputs into group to complete device addition.



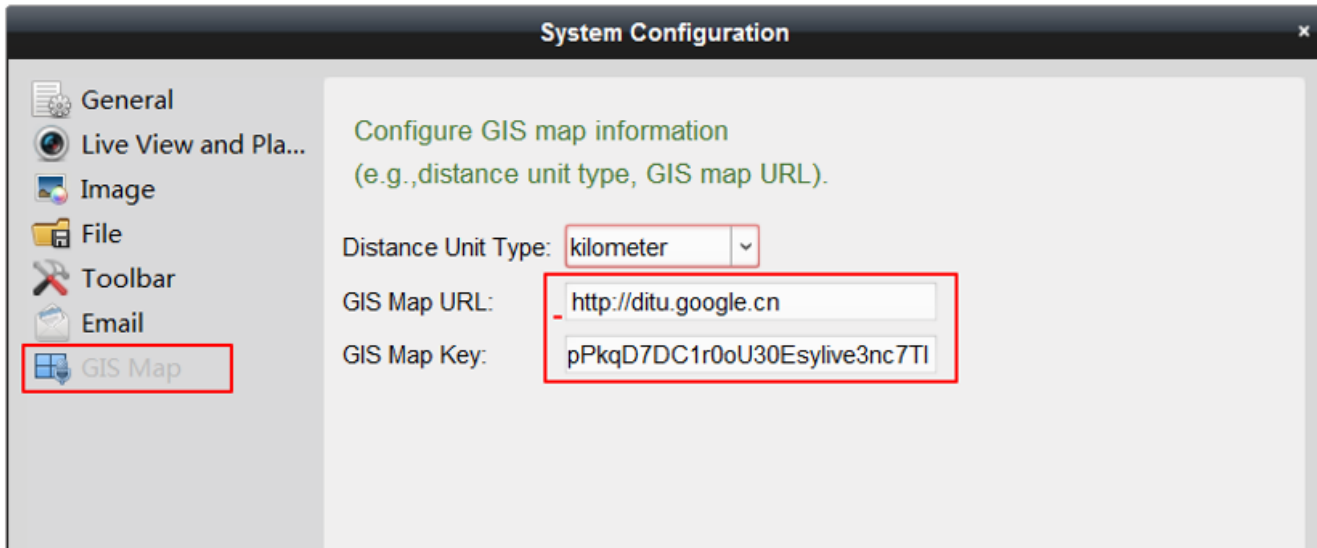
3. GIS Map application

1) We need a key from google service to use GIS map, so enter into System Configuration page, and fill in GIS Map parameters.

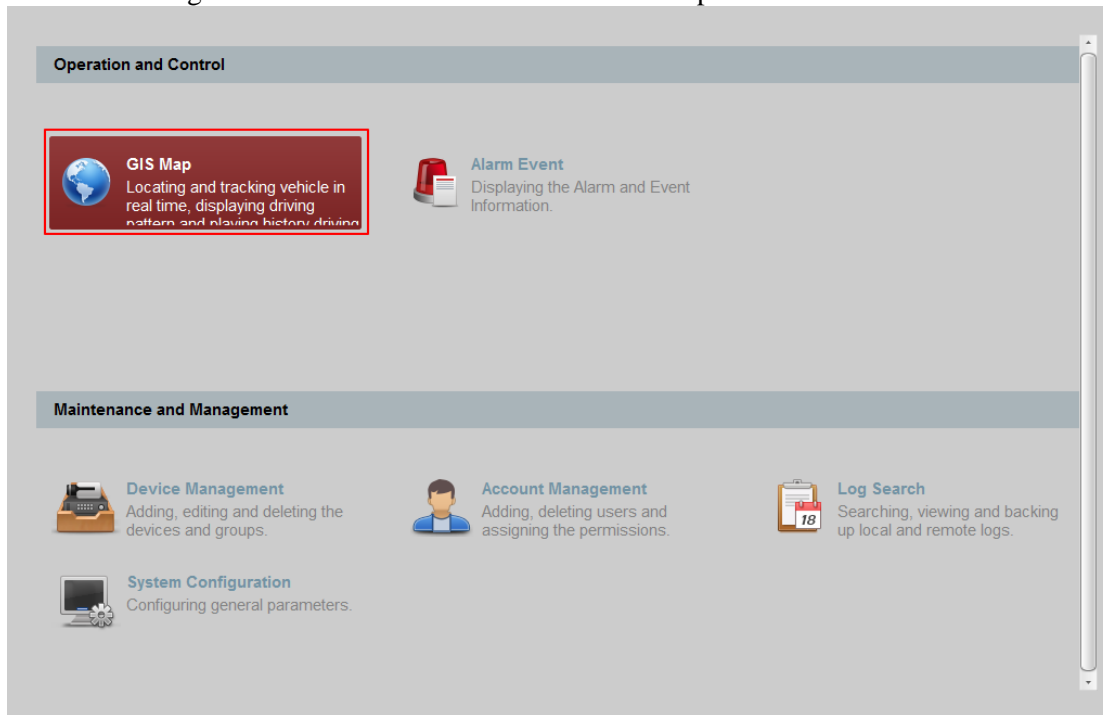


2) GIS Map URL is <http://ditu.google.cn> in China, and maps.googleapis.com in overseas, and the key needs to be applied on google site in advance.

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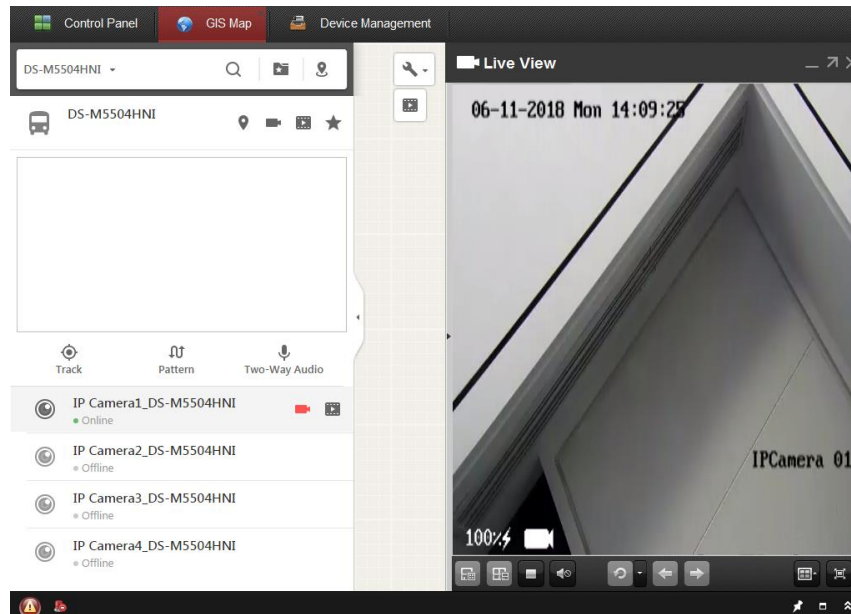


- 3) After configuration, enter into GIS Map page to live view, playback, and start two way audio and so on. The UI design is the same as 5200 mobile surveillance platform.

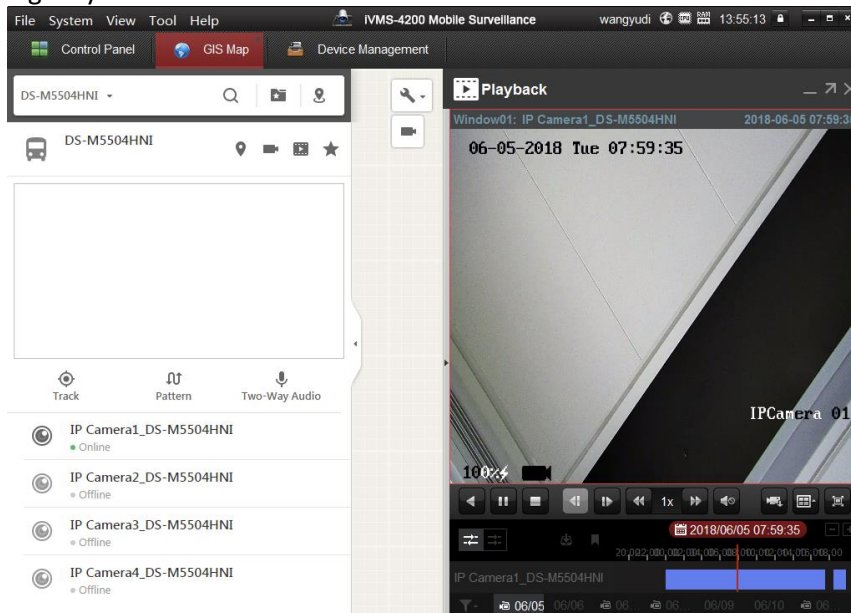


- 4) Live View:

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5) Recording Playback:



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