

Title:	How to register MVR to iVMS-5200 Mobile via DDNS	Version:	v1.0	Date:	8/8/2019
Product:	MVR			Page:	1 of 5

How to register MVR to iVMS-5200 Mobile via DDNS

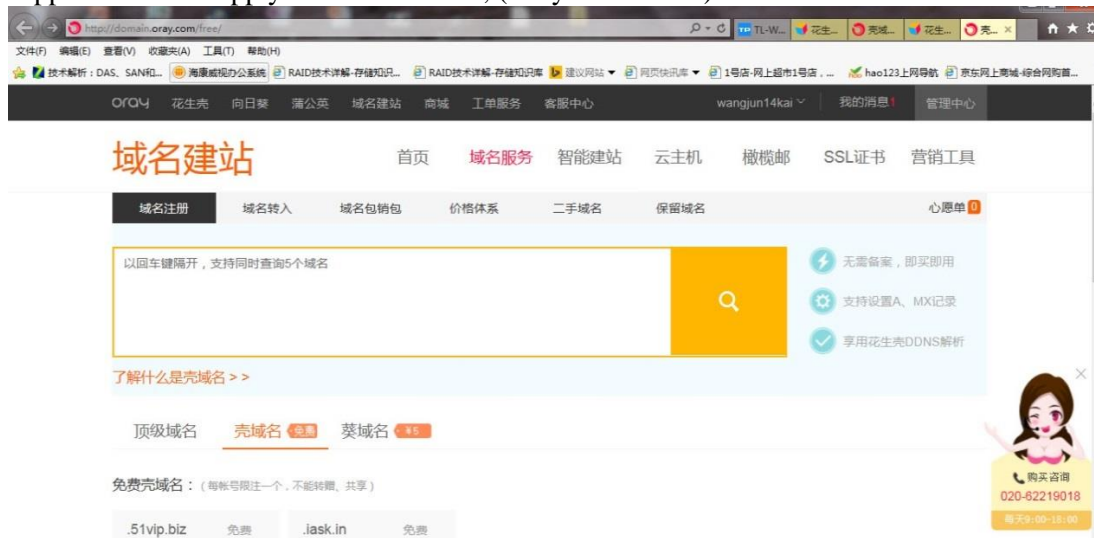
1. Why do customers need DDNS register function of iVMS-5200 Mobile in mobile surveillance solution?

- 1) In mobile surveillance solution, the iVMS-5200 server should be deployed in the extranet, the simplest way for customer is to rent an stationary extranet IP, but sometimes the fee is too high to bear;
- 2) The “Dial-up Internet access” is very cheap compared with stationary extranet IP, but customer cannot use the network directly, for the IP assigned on a router is always changing when the router is restarted; The DDNS register function of iVMS-5200 is designed to solve the problem;
- 3) The firmware of iVMS-5200 should be V3.3.2, and for MVR the version should be V4.0 or update;



2. DDNS Register Function Configuration

- 1) Chose a router which supports DDNS function, register an account on the web service of DDNS supplier and then apply a Domain Name; (Oray in this case)



- 2) Configure the dial-up in router, make sure that the router can connect to the internet;

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- 3) Login on the router with your DDNS account;



DDNS Login on a Router

- 4) Then map the following ports of iVMS-5200 in the route

Module	Port
MSM	80,123
MNMS	15499,15498
MES	15400,15401
MVRM	9300
MVAG	7600,9602
SMS	554,10000,50000-54000,32000-33000

Ports Mapping List

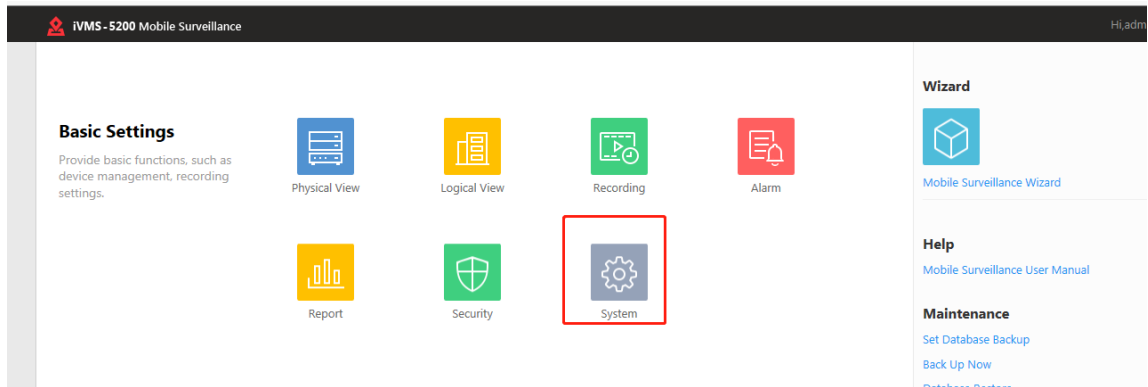
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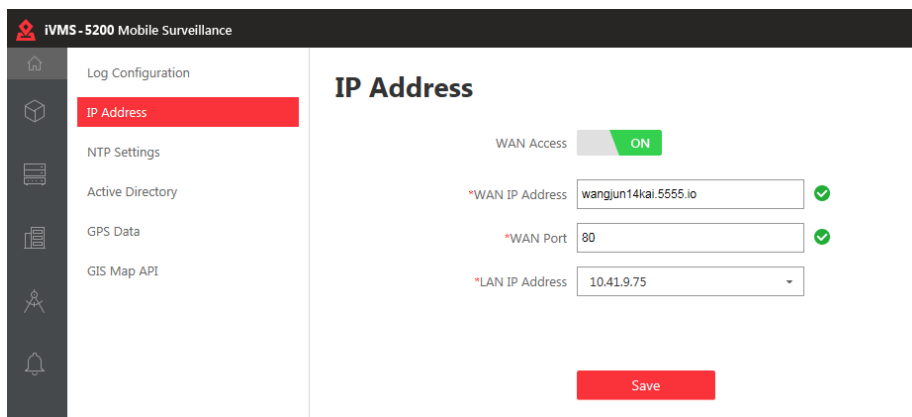
Ports Mapping in the Router

5) DDNS configuration on the web manager of iVMS-5200 ;

- Login the web manager of iVMS-5200, three WLAN parameters should be modified to be DDNS, marked with the red segments;

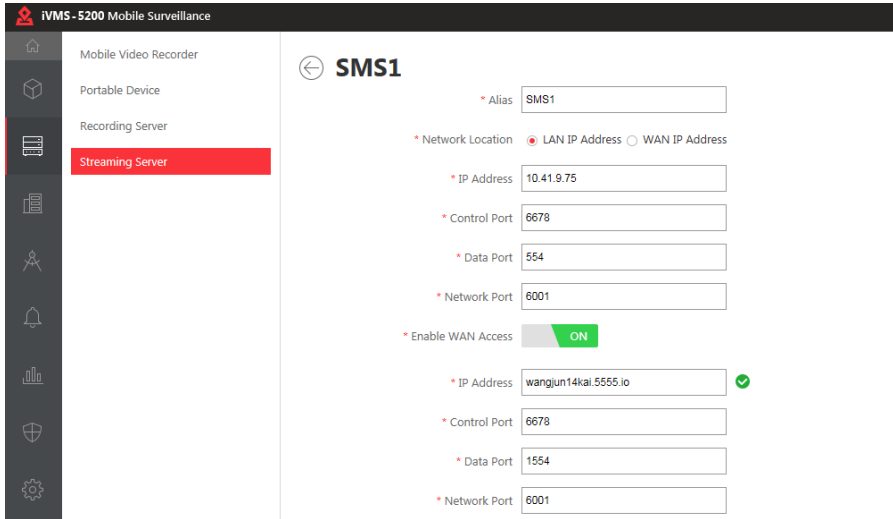


- Configure the parameters of the System → IP Address

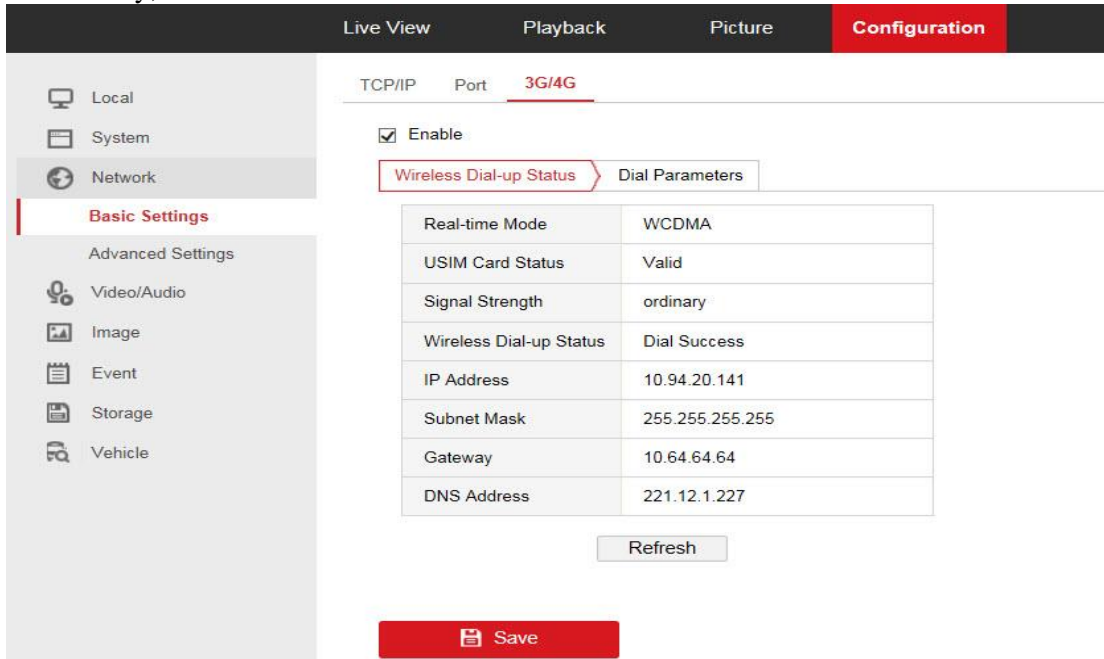


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➤ Configure the parameters for SMS Physical view→Streaming Server



- 6) Plug in the SIM card of MVR and enable Dialing, make sure that the MVR can connect to the internet successfully;



- 7) Register the MVR to iVMS-5200, the Server Address Type should be Hostname ;

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Live View Playback Picture **Configuration**

Platform Access HTTPS Wi-Fi Wi-Fi AP

Enable

Platform Access Mode Home

Server Address Type IP Address Hostname

Server Address

Server Port

Device ID

Register Status Online

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