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| Title: | How to add Body Worn Camera to iVMS-4200 Mobile | Version: | v1.0 | Date: | 8/8/2019 |
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Preparation

1. Prepare the Body Camera Assistant tool

How to add Body Worn Camera 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.
- 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. Configuration on Body Worn Camera

1) Install Body Camera Assistant Software, then connect body worn camera to computer through USB cable, and run Body Camera Assistant tool.



2) Click "Recognize device" to recognize device, then input password to login, the default password is 123456.



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| Body Came: | Ta Assistant | Body Camera | Assista | nt | Login BO | ody Camera A | ssistant | - × |
| Recogn | ize device Enter into Device (| Recognize | device | nage | Device ID 77406 Police ID Police(••••••• | for dial param | Back | Login |
| 5) | Enter into Device | TT4066781 Media In | of ormationDevic | e Configu | rationlog Informatio | i ulai paraini | elers. | |
| | | v //4000/81 metila ii | Hormatronbevic | e conrigu | ationLog Informatio | 11 | | |
| | | Device Information | WiFi Para | meters | | | | |
| | | Time Settings | | SSID: | ✓ Enable HIK-Office | | | |
| | | Network Settings | Dial Para | Key: | HIKhik@2017 | | | |
| | | Security Settings | | | Enable Dialing | | | |
| | | Platform Settings | APN Paran | n eters Name: | | | | |
| | \$ | Static WiFi Configuratio | Dia | il Number: UserName: | | | | |
| | | System Settings | | Password: MTU: | 0 | | | |
| | | | Identifica | ion Type: | Auto | • | | |
| | | | | | Save | | | |

4) The Wi-Fi or 4G icon on body worn camera will light when connected successfully.

| VP: 5V SN: 774066 | SZA 781 Made in China, 11 Mate in China, 12 Mate in China, 13 Mate in China, | | |
|------------------------|--|------|--|
| ■ 11·50·1A | | | |
| 02-10-20 | •••••••••••••••••••••••••••••••••••••• | | |
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| 774066781 Police001 | | | |
| X1. 00 | 21. | 2G 📆 | |
| MA | < - | | |
| | | | |

 5) Enter into Platform Settings page, click enable, fill in IP and Device ID, click save.Server address is the © Hangzhou Hikvision Digital Technology Co.,Ltd. All Rights Reserved.
 No.555 Qianmo Road, Binjiang District, Hangzhou 310052, China • Tel: +86-571-8807-5998 • Fax: +1 909-595-0788 E-Mail: <u>support@hikvision.com</u> • www.hikvision.com

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same as computer's IP address, if you use public network, you need fill in public IP address or domain name here. Device ID is editable. All other values are kept as defaults.

| ⊽ 774066781 Media In | nformationDevice Config | gurationL | og Informat | :ion |
|-----------------------------|-------------------------|-----------------------|---|---------------|
| Device Information | Platform Param | ieters | | |
| Time Settings | | [(IP: [| Enable IP 10.16.112.3 | 🔘 Domain name |
| Network Settings | Dev | Port: [vice ID: [| 7660 MH2111 | |
| Security Settings | | | Save | |
| Platform Settings | | | | |
| Static WiFi Configuration | | | | |
| System Settings | | | | |

3. Add Body Worn Camera to iVMS-4200 Mobile

1) 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 or DDNS.

| | System Config | Iration | | |
|---|--|---|-----------------------------|------|
| General Cive View and Playback Timage Giffie | Set frequently used parameters (e.g., log expiry date, alarm pop-up in | nage, etc.). | | |
| X Toolbar Email E GIS Map | Log Expiry Date: Network Performance: Maximum Mode: | A Month Normal Better (Maximize | Best | |
| | Enable Auto-login Pop up Security Prompt When Usir Enable Alarm Triggered Pop-up Im Pop Up Alarm Image for Minimized | ig Default Password age Client When Alarm 1 | Friggered Pop-up Image Enal | bled |
| | Pop Up Error Message When Ema Auto Time Adjustment Enable Keyboard and Joystick Registration Management Server Port: | 00:00:00 7660 | | |
| | Alarm Management Server Port: | 7300 wangjun14kai.555 | 55.io | |
| | | | | |
| | | | Default Value | Save |

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

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| File System View Tool Hel | р | 💩 iv | MS-4200 Mobile Survei | illance | admin |
|---------------------------|------------------|------------------|-----------------------|----------|------------|
| Control Panel 📀 | GIS Map | Device Managen | nent | | |
| 🚥 Device 🖬 Group | | | | | |
| Device for Management (1) | | | | | |
| 🕂 Add 🗹 Modify 🗙 Delete | 🏶 Upgrade 🏾 🌻 F | | Modify | × | Filt |
| Device Type Nickname | Connectio Acco | Nickname: | test | • | Net Status |
| Mobile De test | EHome MH2 | Account: | MH2111 | * | 0 |
| | | Driver Name: | | | |
| | | Driving License | | | |
| | | License Plate N | | | |
| | | | | | |
| | | Vahiala Distury | | Designed | |
| | | venicie Picture. | | Browse | |
| | | | | | |
| | | | | | |
| | | | Modify | Cancel | |

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

| File System View Tool Help | iVMS-4200 Mobile Surveillance | admin 🏵 💷 🛗 00:22:04 | ● _ = × |
|----------------------------|---|----------------------|---------------|
| 📰 Control Panel 💎 | GIS Map Device Management | | |
| E Group | | | |
| Device for Management (1) | | | 😯 Refresh All |
| 🕂 Add 🗹 Modify 🗙 Delete | 🌞 Upgrade 🛛 🌻 Reboot | Filter | |
| Device Type Nickname | Connectio Account Device Serial No. | Net Status Refresh | |
| Mobile De test | EHome MH2111 | 0 0 | |
| | | | |

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

| The System view roor | neip | | M3-4200 Mobile Sulvelliance | |
|----------------------|------------|----------------------------|-----------------------------|-------------------|
| Control Panel | 🚔 Device I | Management | | |
| Device Group | | | | |
| Resource | a 🕞 | Resources of Group test(2) | | |
| Search | 9 | 🕂 Import 🗹 Modify 🗙 | Delete | Filter |
| 🕻) 📾 test | | Nickname | * IP | Device Serial No. |
| Encoding Channel | | Camera1_test | | |
| Alarm Input | | A1_test | | |
| | | | | |
| | | | | |
| | | | | |

4. 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.



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| | Operation and Control | | * |
| | Maintenance and Management | | |
| | Device Management Adding, editing and deleting the devices and groups. Account Management Log Search Adding, editing and deleting the devices and groups. Account Management Searching, viewing up local and remote the permissions. System Configuration Configuring general parameters. | g and backing te logs. | |

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

| System Configuration × | | | | |
|---|--|--|--|--|
| General Cive View and Pla Live View and Pla Image File Toolbar Email GIS Map | Configure GIS map information (e.g.,distance unit type, GIS map URL). Distance Unit Type: kilometer GIS Map URL: http://ditu.google.cn GIS Map Key: pPkqD7DC1r0oU30Esylive3nc7TI | | | |

 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.



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| | | | |
| | Operation and Control | | |
| | GIS Map Locating and tracking vehicle in real time, displaying driving nation and playing bistony driving | | |
| | Maintenance and Management | | |
| | | | |
| | Device Management Account Management Log Search Adding, editing and deleting the devices and groups. Adding, deleting users and assigning the permissions. Searching, viewing and ba up local and remote logs. | cking | |
| | System Configuration Configuring general parameters. | · | |

4) Live View:



5) Recording Playback:



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