iVMS-5200 Mobile Surveillance 1.1.4

What's New

About this Document

Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Document is subject to change, without notice, due to updates or other reasons.

Please use this Document with the guidance and assistance of professionals trained in supporting the Product.

This document briefly introduces the new functions and features in the **iVMS-5200 Mobile Surveillance 1.1.4** updated from Version 1.1.3.

The content of this manual is furnished for informational use only and it is subject to change without notice.

● Added abnormal driving behavior alarm for Intelligent Analyzer (DS-MP1803(C)). Abnormal driving behavior includes making telephone calls, smoking, fatigue driving, not looking forward while driving, driving with seatbelt unbuckled, and driver departure (the driver leaves seat for more than 60s while driving).

Steps
1. On the Web Client, add an Intelligent Analyzer to the system as an MVR.
2. Click **Alarm -> Alarm -> Add** to enter the Add Alarm page.

3. Select **Camera** as the alarm source type, and select an alarm type.
4. In the Source list, select a device and its channels in the list as the devices that can trigger a Fatigue Driving Alarm.
5. Set the Alarm Properties, which includes schedule template and alarm priority.
   Note: The alarm source is armed during the schedule and the event occurred during the schedule will be triggered as an alarm and notify the user. You can click **Add New** to set a custom schedule. Alarm priority can be used for filtering alarms in the Control Client.
6. Set the Additional Settings for the alarm.
   Related Camera: Select the related camera to record the alarm video when the alarm is triggered. You can view the live video and play back these video files in the Alarm Center of the Control Client.
   Trigger Pop-up Window: Display the alarm window on the Control Client to show the alarm details and all the alarm related cameras' live videos and playback when alarm occurs.
7. Set linkage actions for the alarm.
   Trigger Audible Warning: Set the voice text for playing on the PC when alarm is triggered.
   Link Alarm Output: Select the alarm output (if available) and the external device connected can be activated when the event occurs.
   Send Email: Select an email template to send the event information according to the defined email settings. You can select **Add New** to create a new email template.
   Send to Mobile Client: select the recipient in the following list after enabling this

function. The selected recipients will receive an alarm notification on the Mobile Client when an alarm is triggered.
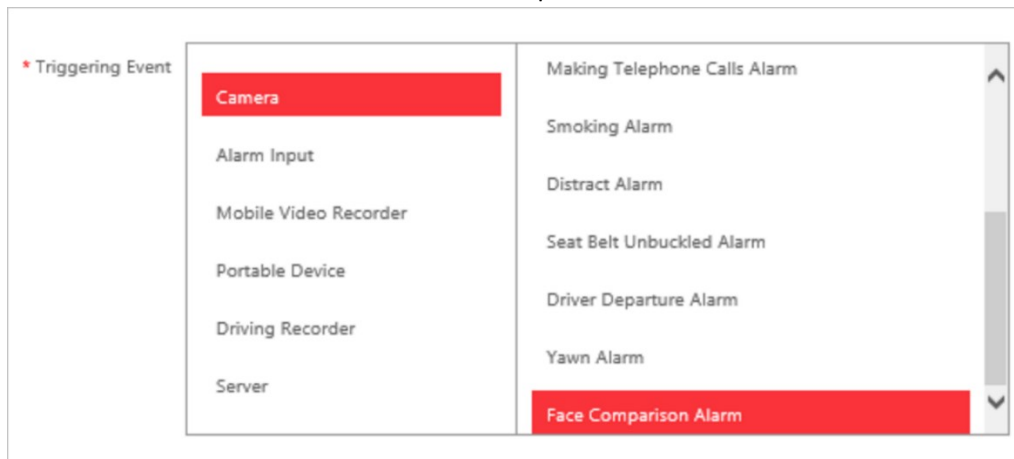
8. Click **Add** to add this alarm, or click **Add and Continue** to add this alarm and start to add a new alarm.

- Added facial recognition alarm for Intelligent Analyzer (DS-MP1803(C)). The alarm will be triggered when a driver's face matches with one of the faces in the black list imported to the Intelligent Analyzer.

Steps

Note: Make sure you have imported face pictures of persons in the black list to the face picture library of the Intelligent Analyzer, configured face similarity, and alarm report interval on the Web page.

1. On the Web Client, add an Intelligent Analyzer to the system as an MVR.
2. Click **Alarm->Alarm->Add** to add a face comparison alarm.

- Supports driving behavior analysis alarms of dashcam (AE-DI5042-G4). This alarm will be triggered when illegal driving behaviors are detected by the dashcam.
- The Web Client added network traffic alarm for MVR. You can configure the network flow threshold when adding the alarm. This alarm will be triggered when mobile data usage exceeds the configured threshold.

- Added device online alarm. This alarm will be triggered when devices turn to online status if you have enabled this alarm.
- Supports managing dock stations (DS-MH4172I/2T) and configuring Hybrid SAN as the Recording Server when adding the dock station.
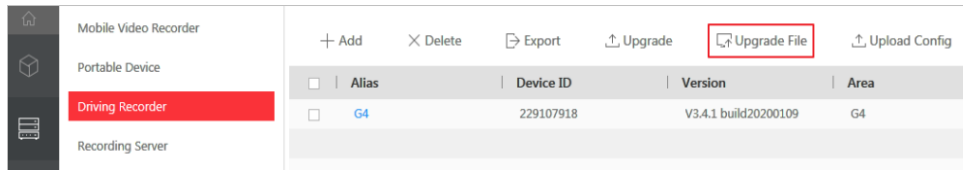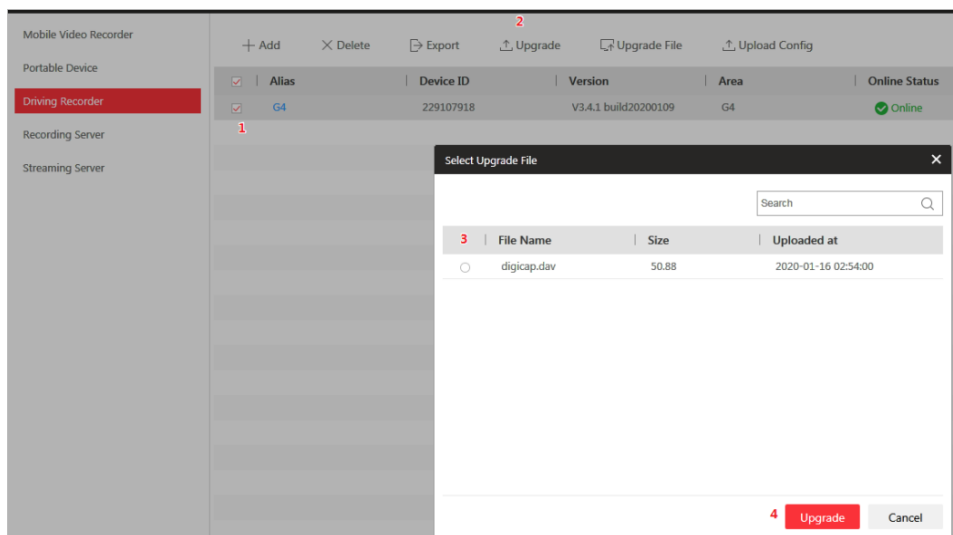
- Support searching/viewing/downloading evidence saved in dock stations by the Web Client and Control Client.
- Supports managing dashcams (AE-DI5042-G4) with functionalities including GPS location, live view, remote playback, remote configuration of parameters, and upgrading device firmware versions remotely.

  ➢ **Upgrade Device Firmware Remotely**
    1. Click **Physical View->Driving Recorder** to enter the driving recorder list page.
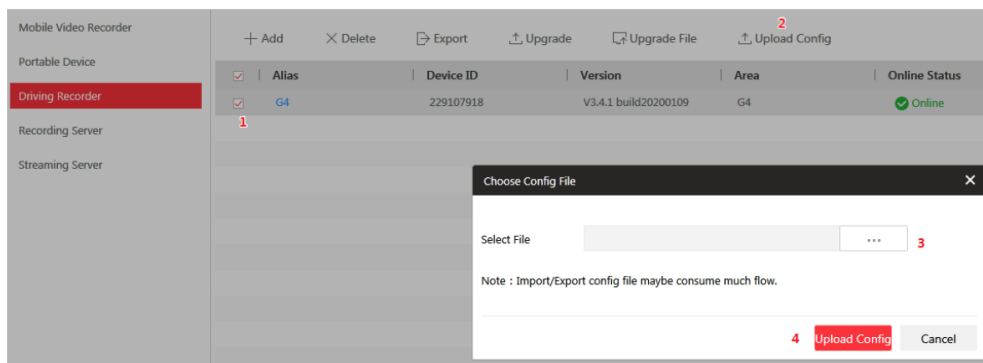   2. Click **Upgrade File** to open the Select Upgrade File window.

    3. Check a dashcam and click **Upgrade** to open the Select Upgrade File window.
    4. Check the upgrade file.
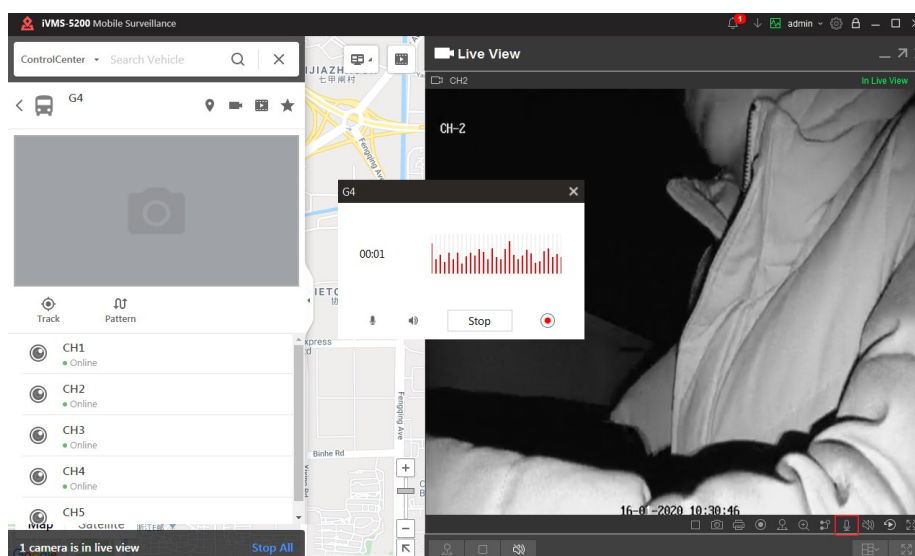   5. Click **Upgrade** on the Select Upgrade File window.

  ➢ **Remote Configuration of Dashcam**
    1. Check a dashcam.
    2. Click **Upgrade Config** to open the Choose Config File window.
    3. Select the configuration file in the computer.
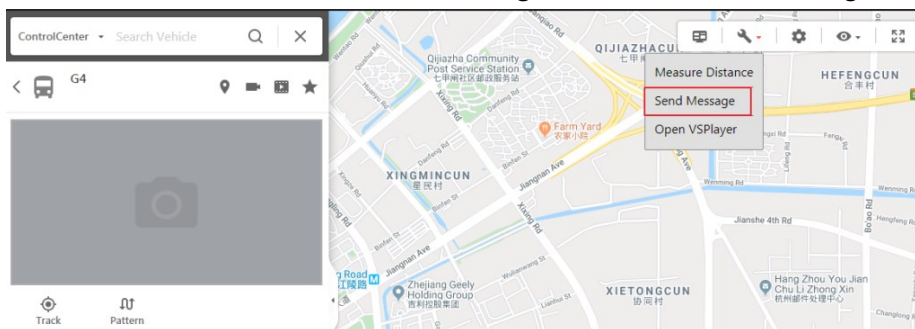   4. Click **Upload Config**.

- The Control Client supports Text to Speech (TTS, convert written text into natural-sounding audio) and two-way audio of dashcam (AE-DI5042-G4).
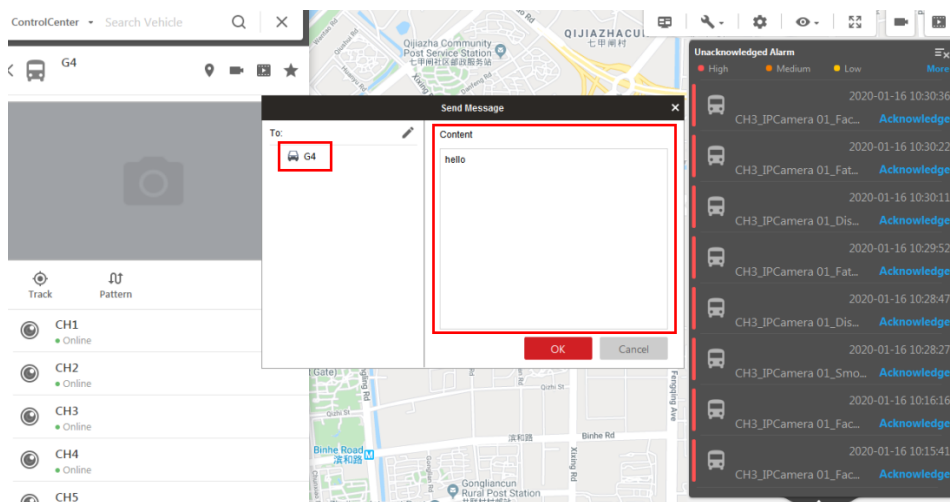

> **How to Configure TTS**

1. On the Control Client, click 🔧 **-> Send Message** to enable the Send Message function.

2. Select a dashcam and enter the text in the Content area.
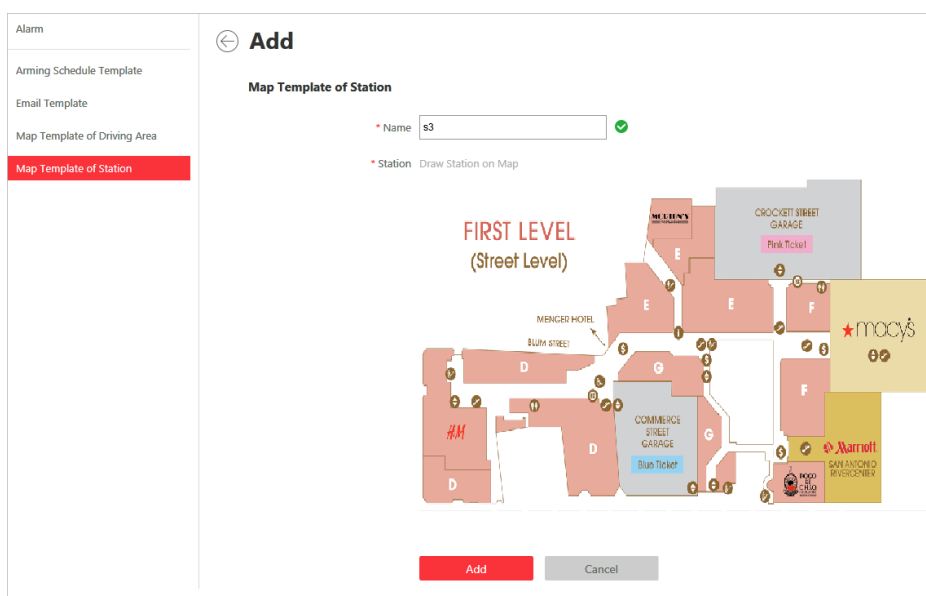3. Click **OK**.

- Supports reporting people counting data from MVR. The data can be counted by vehicle/site/time period and the report can be displayed by vehicle/station/time period.
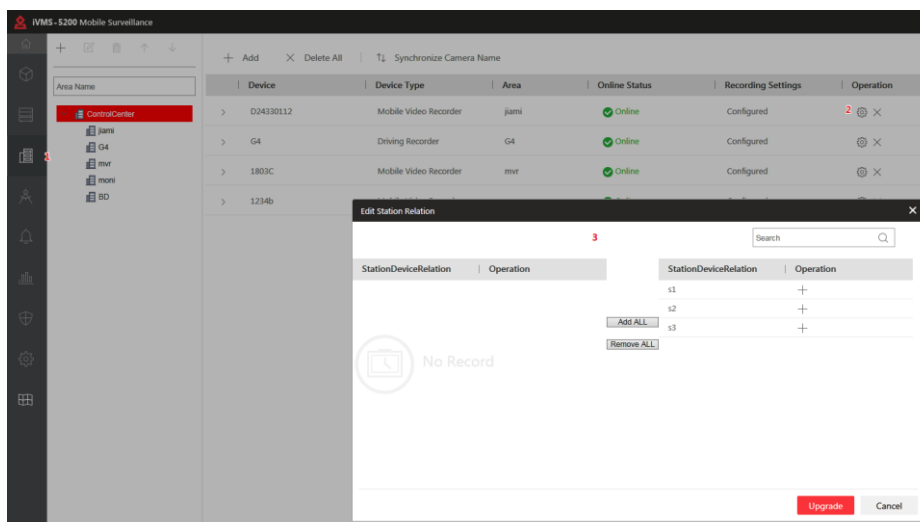
    Steps

    1. On the Web Client, click **Alarm->Map Template of Station->Add** to add a site on the map by entering the site name and choosing a location on the map.
       Note: The site will be added to the site list in Logical View.
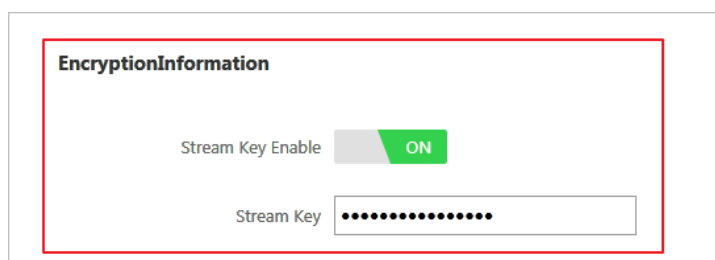

    2. Enter the Logical Review module, select a device and click to open the window for linking the site to the device.
    3. Select the sites you want to link the device to in the list on the right and click **+**.
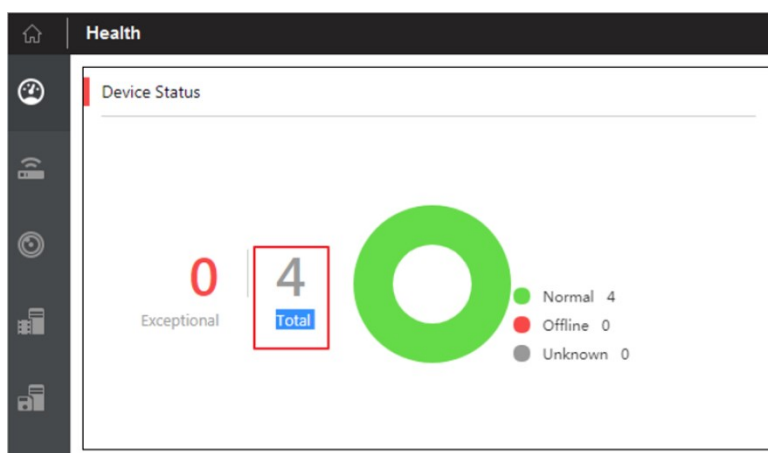   4. Click **Upgrade**.

5. View the people counting report in the Report module on the Web Client.
- MVR supports decryption for live view and playback of devices configured with AES key.
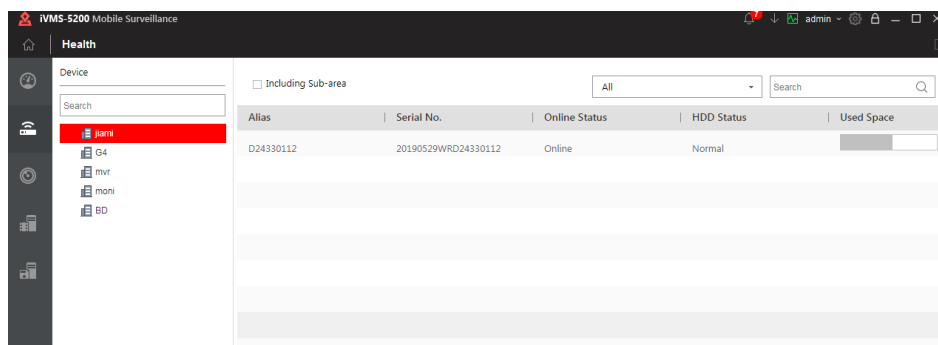 **Steps**
  1. Enable encryption key and configure the AES key for the MVR on the device configuration page.
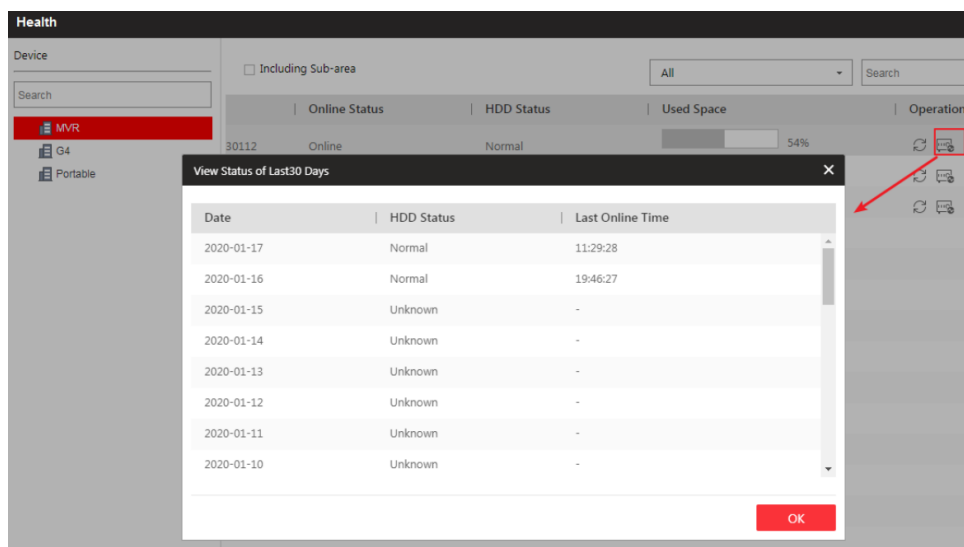 2. Configure the stream key when adding the MVR to the system.

- The Web Client supports searching historical alarms of which the pictures and videos can be viewed by the Web Client.
- The Health Monitoring module on the Control Client supports going to the device status list page by clicking device number accordingly.
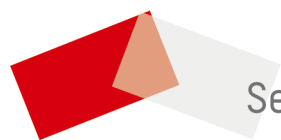

You will go to the following page after clicking the number.

- The Health Monitoring module on the Control Client supports displaying device status in the last 30 days.

- Updated the License module to the new model to fit with Hikvision's new License system.
- The Mobile Client supports viewing live view, playback, and GPS location of a dashcam.
- The Mobile Client supports decryption for live view and playback of devices configured stream encryption.
- Optimized remote configuration capability of mobile devices, including Wi-Fi configuration, video parameter configuration, time parameter configuration, registration address configuration, 3G/4G parameter configuration, and GPS status display.
- Optimized the icons of portable devices on the map to distinguish it from MVR's icon.
- Using Chromium Embedded Framework (CEF) as the Control Client frame.
- Fixed the bug that the alarm in the email triggered by the alarm varies from the actual alarm time.

See Far, Go Further