

Mobile Video Recoder Firmware Version: V5.3.0 Release Note (2020-11-19)

1. Firmware Version Information

Firmware Version	V5.3.0.191832 build201109
Web Component/Plugin Version	V5.0.0.23227 build 201106

2. Version Main Updates

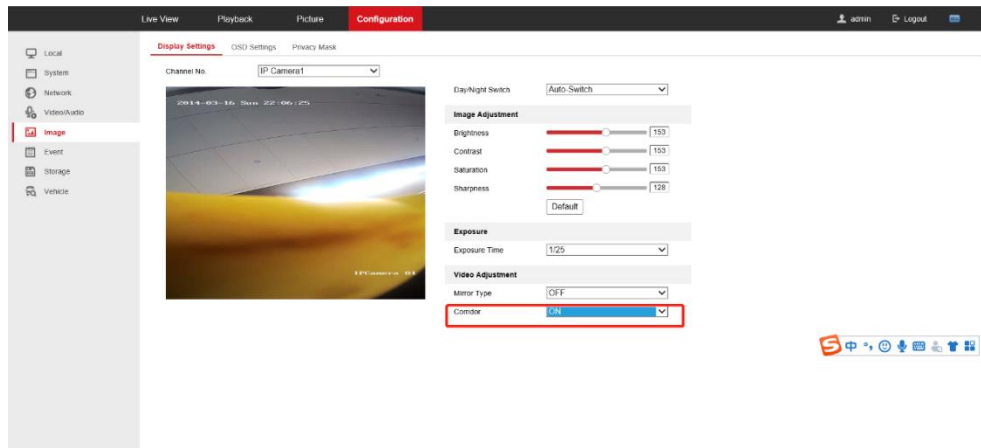
2.1 New Features

- **Extension of Device Compatibility**

- 1) Fisheye camera DS-2XM63C5G0-I with resolution 2560 * 2560 / 3000 * 3000 / 4000 * 3000;
- 2) 5MP camera DS-2XM6756FWD with resolution 2944 * 1656;
- 3) People counting camera DS-2XM6825G0 with solution 1920 * 1200;

- **Support RTSP server function; (By default)**

- **Support Corridor mode of Mirror Function (Only for Mobile NVR) ;**
Support corridor mode configuration of IPC both on Local GUI and WEB client;



- **Support mail sending function; (Configurable only by WEB client)**

Live View

Playback

Picture

Configuration

Local

System

Network

Basic Settings

Advanced Settings

Video/Audio

Image

Event

Storage

Vehicle

Email

Platform Access

Wi-Fi

Wi-Fi AP

FTP

NetworkPriority

Other

Sender

Sender's Address

SMTP Server

SMTP Port

Enable SSL

Attached Image

Interval

second(s)

Authentication

User Name

Password

Confirm

Receiver

No.	Receiver	Receiver's Address
1		
2		
3		

Test

Save

Local

System

Network

Video/Audio

Image

Event

Storage

Vehicle

Basic Event

Live View

Playback

Picture

Configuration

Motion

Video Tampering

Video Loss

Alarm Input

Alarm Output

Exception

Driving Behaviors

Alarm Input No.

A<-1

Trigger Level

High Level

Alarm Type

Other

IP Address

Local

Alarm Name

(Cannot Copy)

Alarm Status

OFF

(Cannot Copy)

☐ Enable Alarm Input Handling

Armng Schedule

Linkage Method

Normal Linkage	Trigger Alarm Output	Trigger Channel
<input type="checkbox"/> Audible Warning	<input type="checkbox"/> A->1	<input type="checkbox"/> D1
<input type="checkbox"/> Send Email	<input type="checkbox"/> A->2	
<input type="checkbox"/> Notify Surveillance Center		
<input type="checkbox"/> Full Screen Monitoring		

Local

System

Network

Basic Settings

Advanced Settings

Video/Audio

Image

Event

Storage

Vehicle

Live View

Playback

Picture

Configuration

admin

Logout

Email

Platform Access

Wi-Fi

Wi-Fi AP

FTP

NetworkPriority

Other

DnsPriority

levelFirst

WiFIPriority

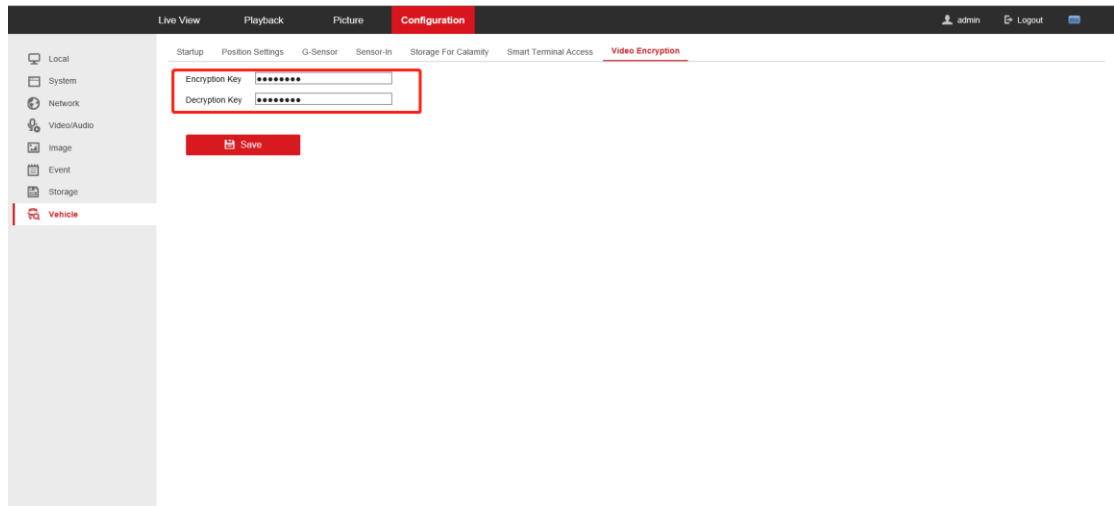
levelSecond

EtherPriority

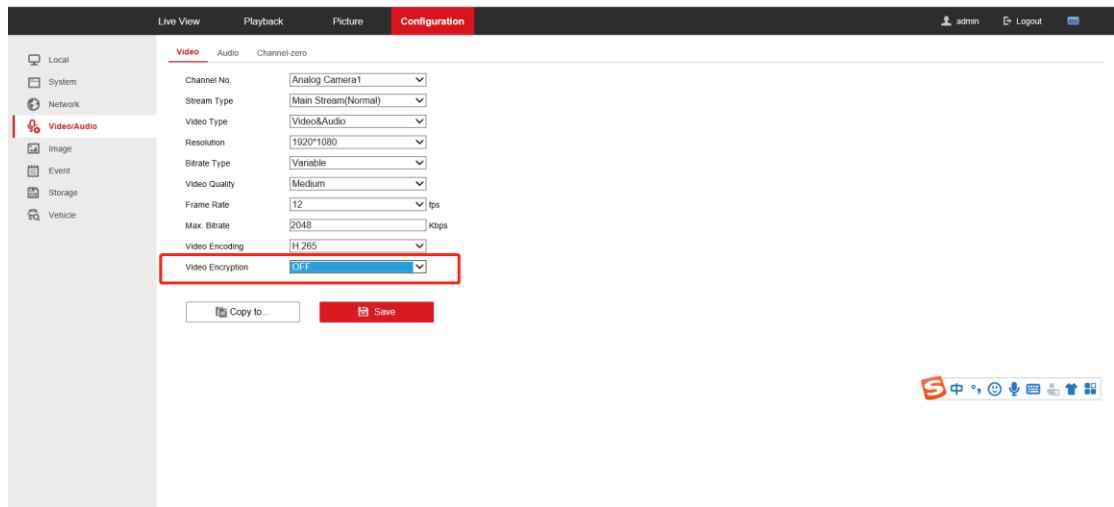
levelThird

Save

- **Support ONVIF SERVER function;**
- **Support Video Encryption Function;** (Configurable only by WEB client)
 - 1) Video encryption can be configured independently both for main-stream and sub-stream for each channel;
 - 2) The encryption algorithm applies AES128;
 - 3) Encryption Key configuration directory: *Configuration* → *Vehicle* → *Video Encryption*;

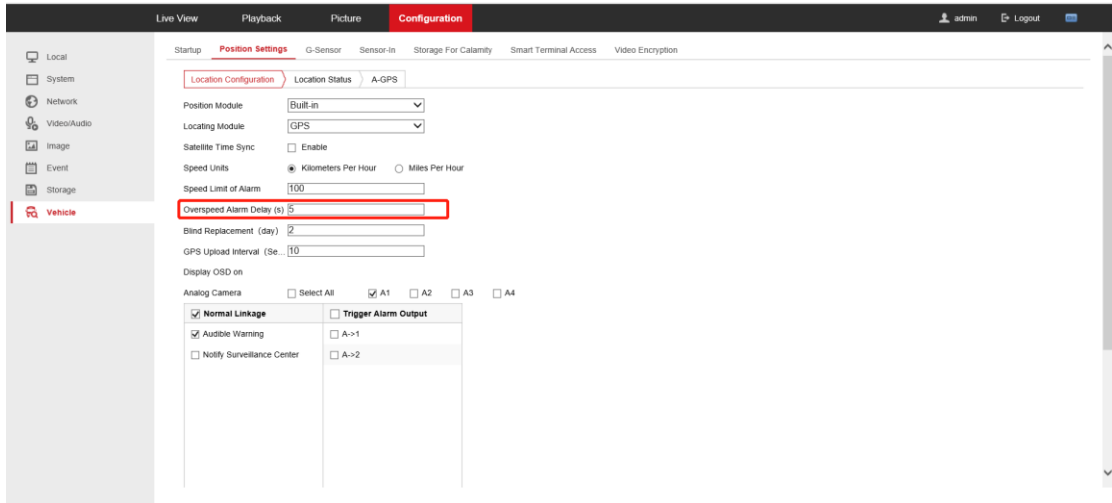


- 4) In the *Video/Audio* configuration interface, the video encryption can be enabled/disabled for main-stream and sub-stream of each channel;

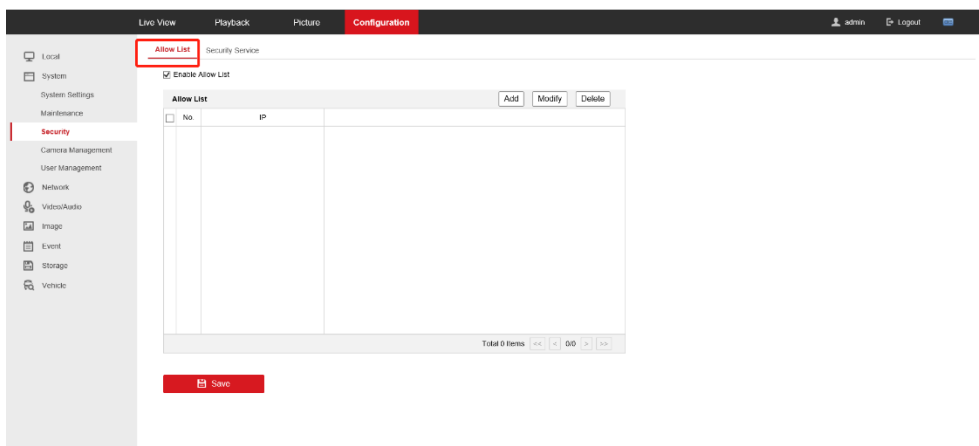


2.2 Improved Features

- **Over Speed Alarm (GPS) Optimization;** (Configurable both by WEB client and Local GUI)
 - 1) Adding a duration parameter setting for Over Speed Alarm: Only when the over speeding duration of a vehicle exceeds the threshold, then the over speed alarm will be triggered, the default parameter is 5S;



- **Optimization of Video Loss Alarm; (By default)**
The video loss alarm is triggered when the signal lost for continuously 2s;
- **Optimization of Video Tampering Alarm; (By default)**
The new firmware prolongs the Video Tampering Alarm duration time for 15 more seconds, counting when the alarm stopped;
- **Default Record Frame Rate Parameter Change; (Configurable both by WEB client and Local GUI)**
 - 1) The default frame rate of MDVR is modified to the maximum resolution and frame rate;
MP7608: 1080P/H265/ Full frame rate/4Mbps
MP5604(SD): 1080P/H265/12 frame /2Mbps
 - 2) The record resolution and frame rate parameters of MNVR is obtained from IPC , no longer configured according to the default parameters of the MNVR;
- **Modify the Whitelist of MVR to be Allow List; (Configurable both by WEB client and Local GUI)**



Supported Product List

Product Category	Model Number
NVR	DS-MP7608HN
DVR	DS-MP7608
DVR	DS-MP5604(SD)
NVR	DS-MP5604N

Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action.

For any questions and request for this firmware, please contact our local technical support team.

Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
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