Thermal Presence Detector

Version: V5.5.54 build 220525

Release Notes

(2022-7-6)

General Information

Main Firmware Version	V5.5.54 build 220525
Play Lib	V7.4.0.46 Win32_Base_Build20211116
iVMS-4200	V3.7.4.3 build20220525
Web Component	V4.0.1 build220519
Temperature algorithm version	V2.1.4build20220426

Supported Product List

HM-TD1017-1/QW-HS111
HM-TD1017-2/QW-HS121

Reason of Upgrade

Added new features and implemented some optimizations.

Key Updates:

1. Support Health Tracking function. It is used to detect events such as Out of Room,

Out of Bed, Exit Without Return.

- Out of Room Detection

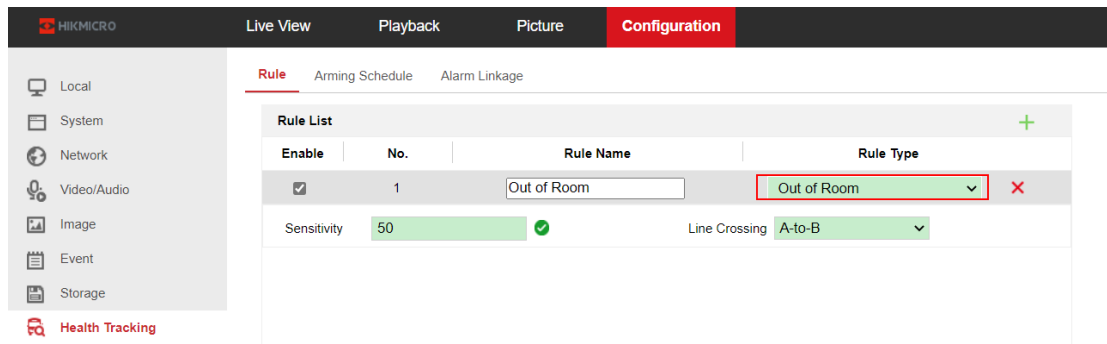Draw the area and the care center will be notified if the elderly leave the room.

Figure 1

Figure 2

- Out of Bed Detection

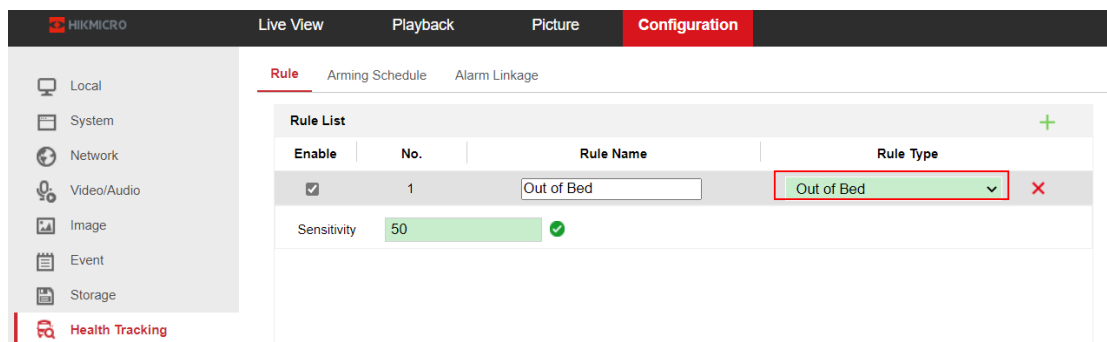Detect the elder leave bed and alert care center as a pre-warning.
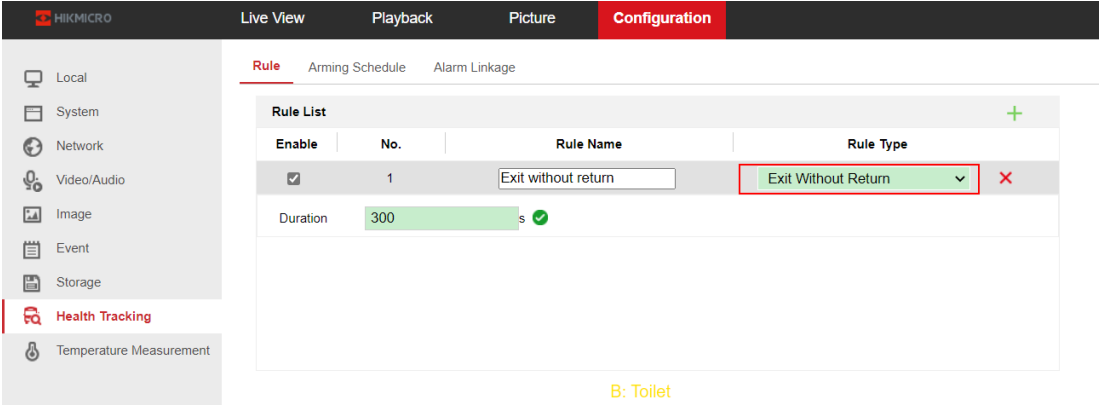

Figure 3

2

Figure 4

Note: Only 1 Out of Bed rule can be configured. Up to 5 rules can be configured.

● Exit Without Return Alarm

Alarms when elderly people leaves and did not return for predefined duration.
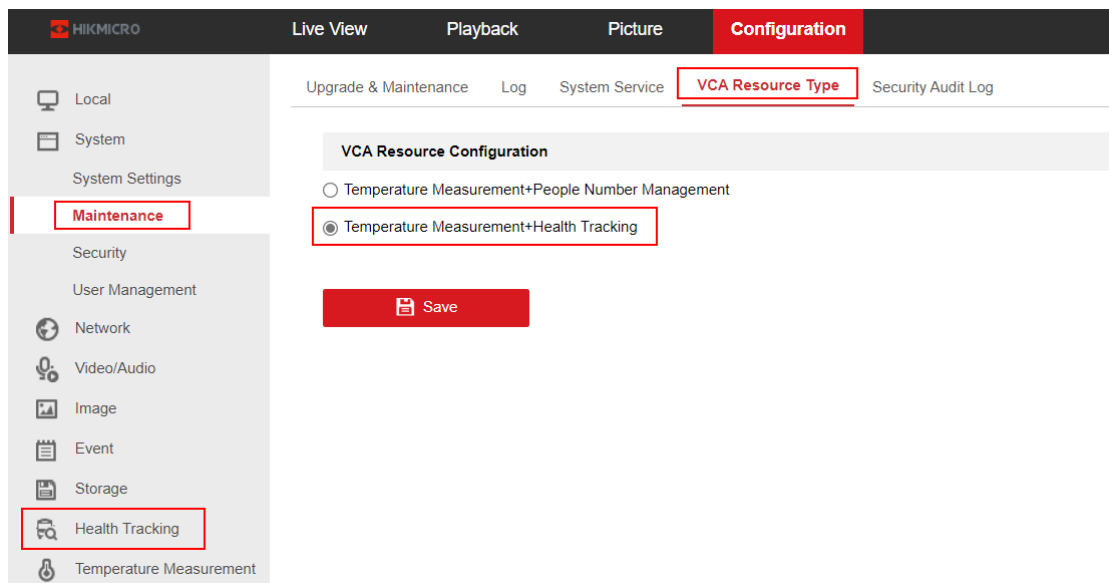

Figure 5

Figure 6

Figure 7

Note: It should switch VCA Resource type to Temperature Measurement + Health Tracking firstly.

2. Support Audio Exception Detection function. Elderly can shout for help when they cannot get up to use the emergency button in some cases.
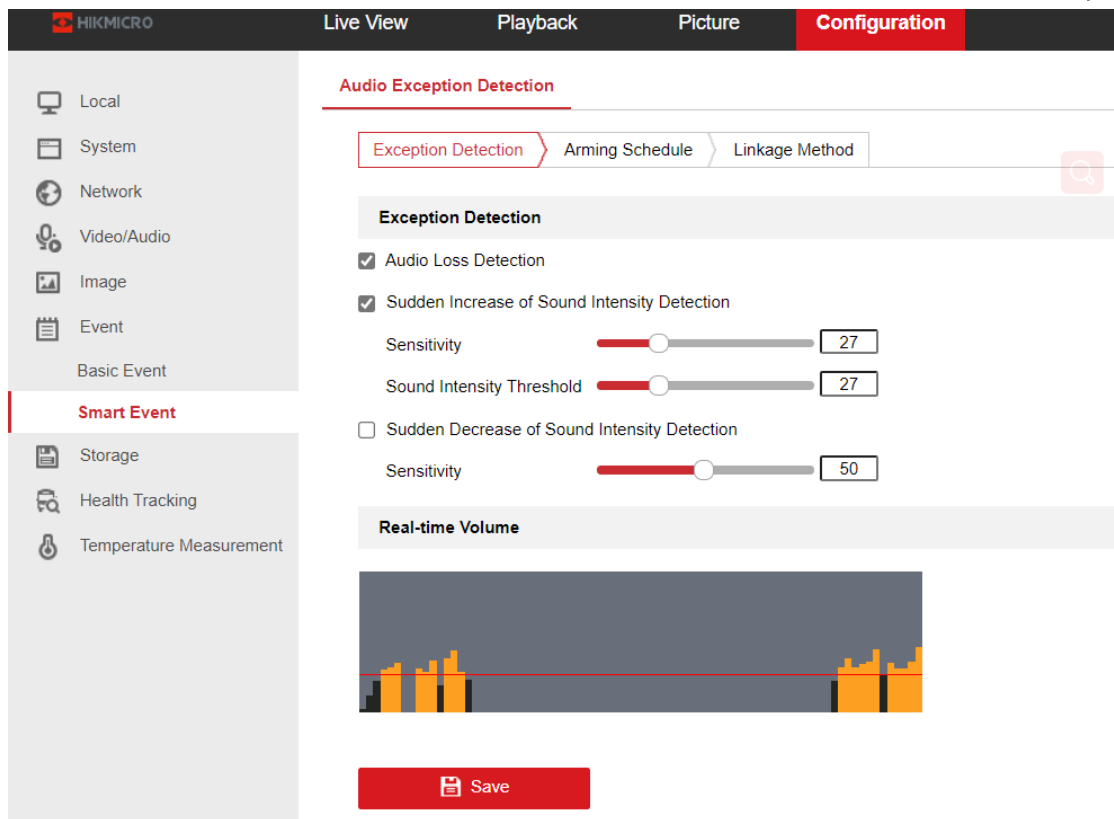
Figure 8

3. Support configuring WiFi to the device via Hik-connect directly, without connecting to a computer.

Make sure the device is inactivated and power on, the phone connect to WiFi in advance, then add, activate the device and perform the network pairing via Hik-Connect.

4. Third-party platforms can obtain temperature and people existence information via Modbus protocol.
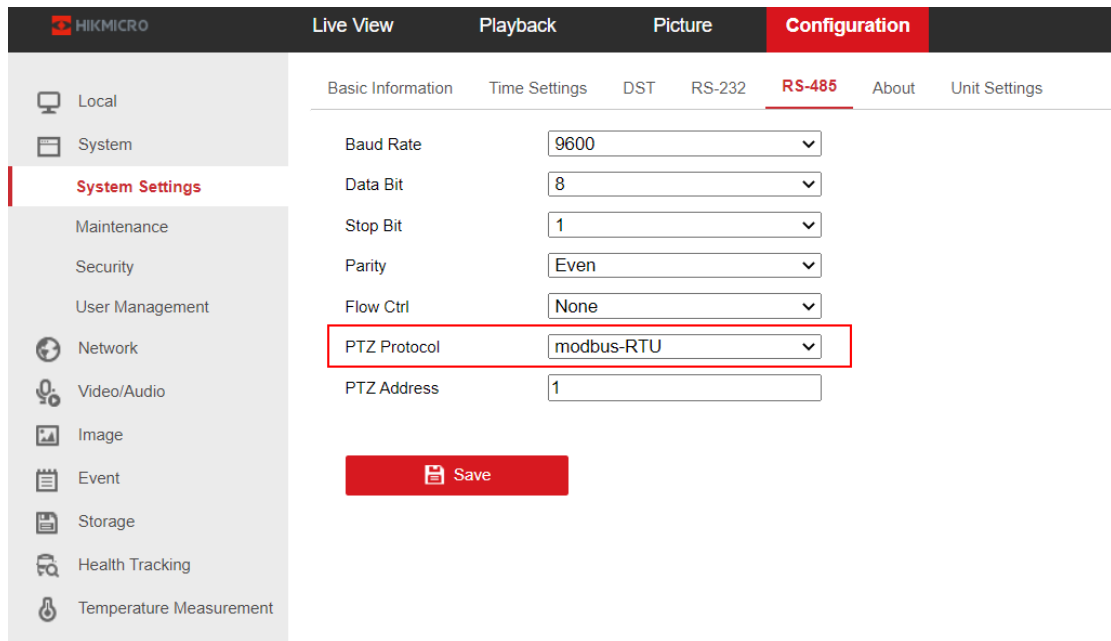
Figure 9

5. Support Privacy Mask function, it helps to cover certain areas on the live video to prevent certain spots in the surveillance area from being live viewed and recorded.
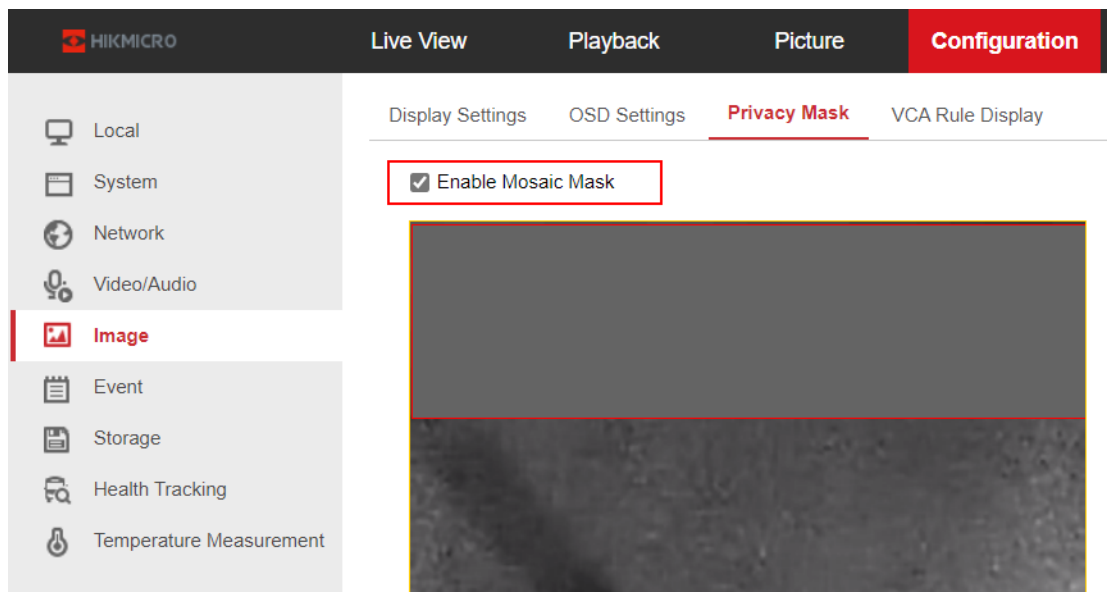

Figure 10

Note: Privacy mask area still supports Health Tracking, Temperature Measurement, People Existence Detection functions.

Client and Platform Compatibility

Thermal camera Version	V5.5.54 build220525			
Test equipment	iVMS-4200	I series NVR	IE explorer	Hik Connect
Version	V3.7.4.3 build20220525	DS-7716NI-I4 V4.61.000 220507	IE11+	1.5.1.2
Live view(display Temperature info)	√	√(Web,4200)	√	√
Live view(display People Number Management info)	√	√(Web,4200)	√	√
Live view(display Health Tracking info)	√	√(Web,4200)	√	√
Receive Temperature Alarm info	√	√(4200)	×	√
Receive Number of People Exception Alarm info	√	×	×	√
Receive People Existence Detection Alarm info	√	×	×	×
Receive Out of Room alarm info	√	×	×	×
Receive Out of Bed alarm info	√	√	×	×
Receive Exit without Returen alarm info	√	√	×	×
Receive Audio Exception alarm info	√	×	×	×

Remarks:

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