Thermal Network PTZ Camera

Version: V5.5.39 build 210408

Release Notes

(2021-5-12)

1. Basic Information

Firmware Version	V5.5.39 build 210408
SDK Version	V6.1.6.40_build20210204
Play Lib	V7.3.9.50
iVMS-4200	V3.4.2.1 build20210203
Web Component/Plugin Version	V4.0.1.0 build 210325/3.0.7.40

2. New Features

2.1 Optical Channel Focus (DS-2TD8166-150ZE2F/V2 & DS-2TD8166-150ZE2F/V2 Only)

a) Added optical channel Focus Range setting on DS-2TD8166-150ZE2F/V2 & DS-2TD8166-150ZE2F/V2.

After the device has completed the focus calibration at the farthest distance, the device can calculate the theoretically clear minimum focus range based on the calibration result (set the focus range to "short"). This function speeds up the focusing speed and improves the service life of the focusing motor on the basis of ensuring the clear focus of the target.
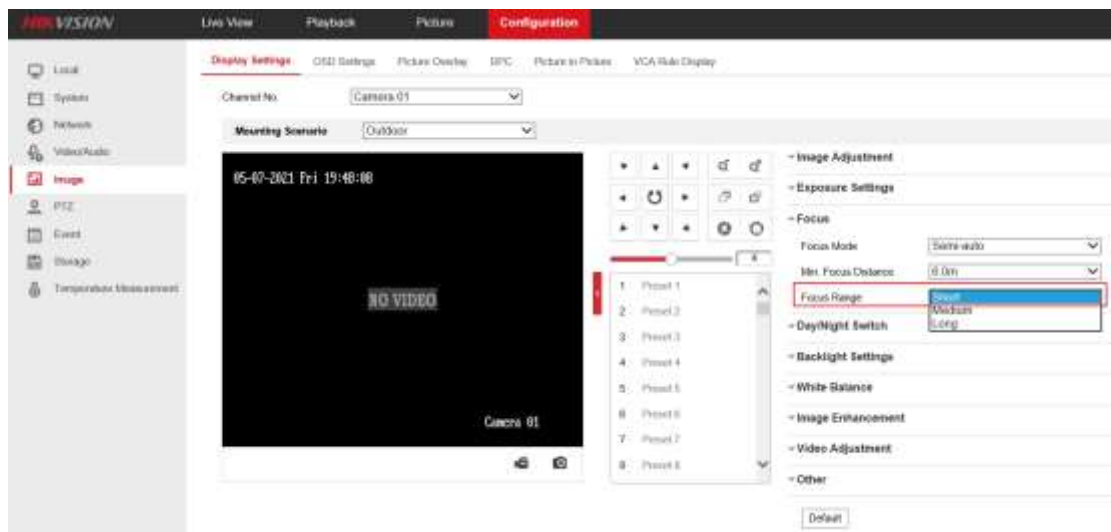
b) Added the function of setting the visible light focus value through the target object distance in the high-precision PTZF pan/tilt control interface, which is suitable for capture applications with known target object distances. For example, the radar detects the target, the distance between the target and the object is known, and the pan/tilt is controlled to capture the use scene.

c) Added the function of setting the control mode of radar linkage PTZ tracking in the high-precision PTZF pan/tilt control interface, which is suitable for applications that frequently update the target position to control the pan/tilt. For example, the radar detects the target and controls the pan-tilt for continuous tracking.

2.2 Temperature measurement

The temperature measurement snapshot supports the DLT/664 format, which is a general infrared data file storage format.
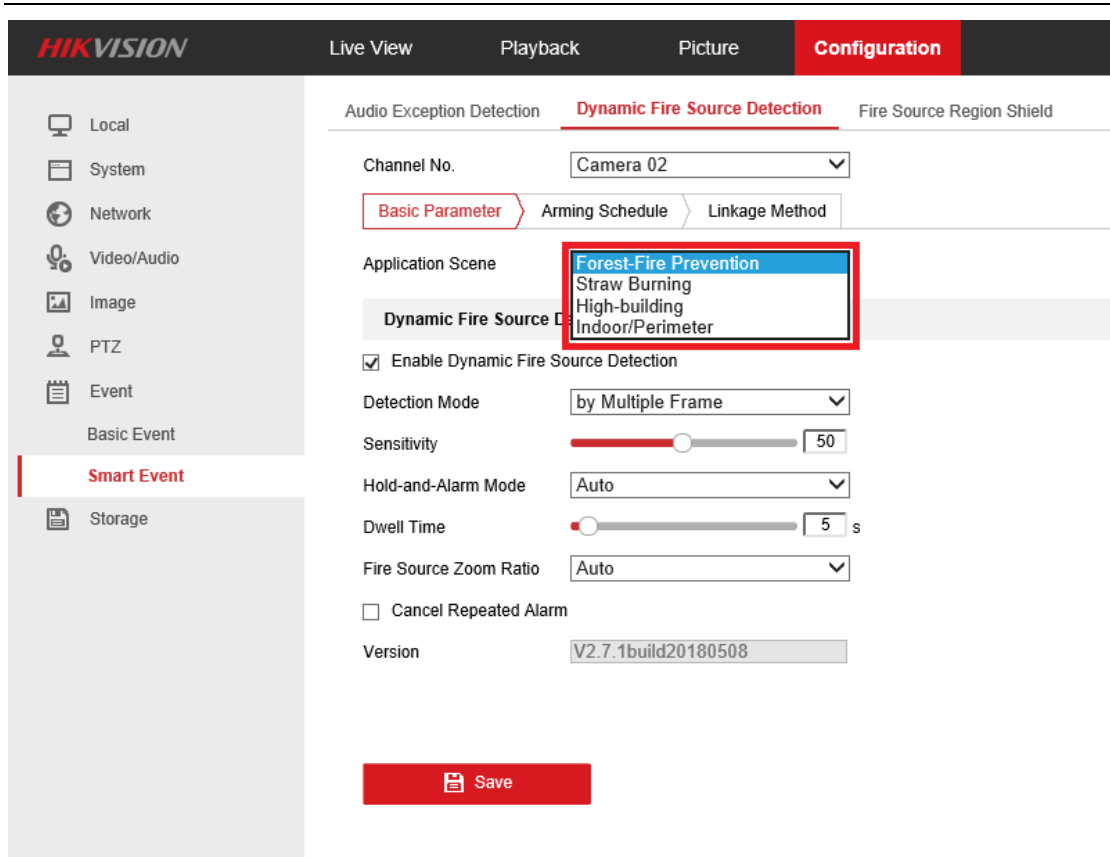
3. Optimized Features

3.1 Fire Detection

Modify the configuration options of Dynamic Fire Source Detection > Application Scene to "Short Distance (≤200 m)" and "Long Distance (>200 m)". Replace the previous "Forest-Fire Prevention", "Straw Burning", "High Building" and "Indoor/Perimeter" options. It is convenient for users to choose.

Latest Firmware:
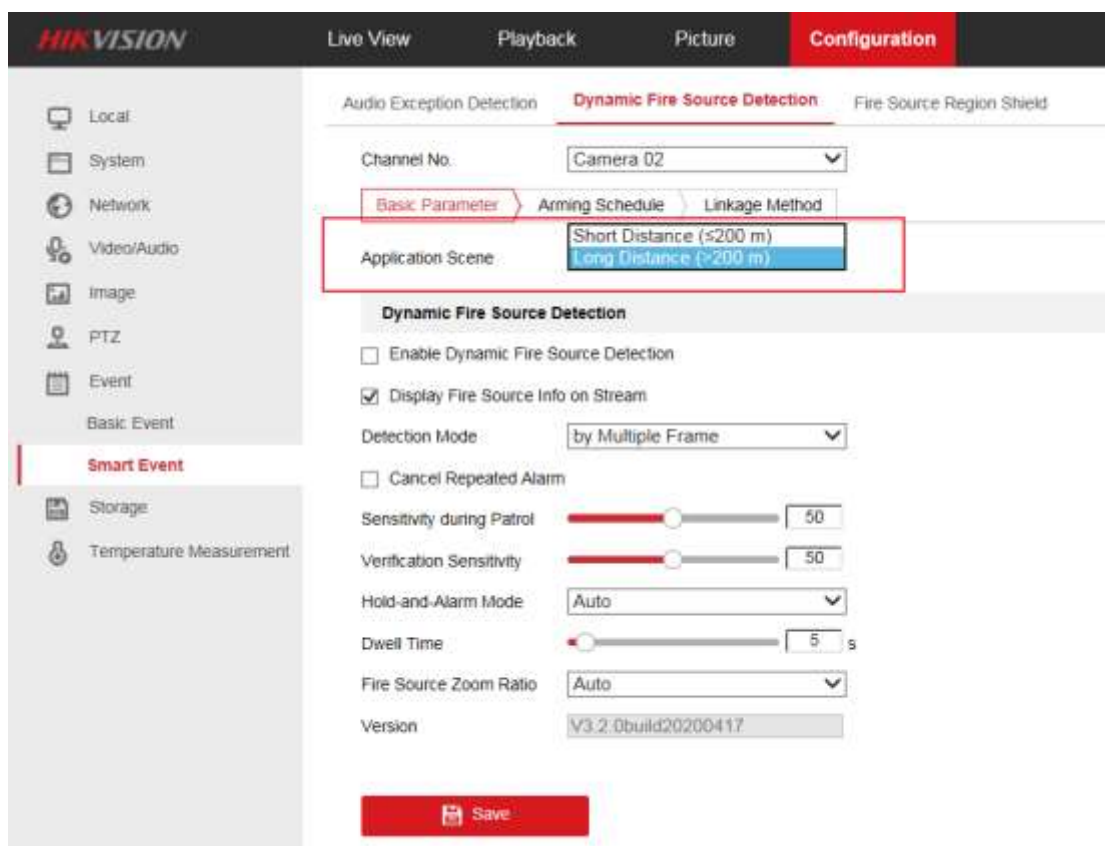
Previous Firmware:

4. Deleted Features

4.1 Waste Gas Monitoring

Deleted waste gas monitoring function.

In Event > Smart Event > Waste Gas Monitoring.

4.2 Target Marking Color

Deleted Target Marking Color function.

In VCA > Basic Settings > Target Marking Color.

5. Supported Product List

a) 65X6 series: explosion-proof Positioning System

DS-2TD6566T-25H2LX/V2	DS-2TD6566T-50H2LX/V2

b) 41X6 series: 8-inch Speed Dome

DS-2TD4136-25/V2	DS-2TD4136-50/V2	DS-2TD4166-25/V2	DS-2TD4166-50/V2

c) 42X6 series: 5-inch Speed Dome

DS-2TD4237-10/V2	DS-2TD4237-25/V2

d) 62X6 series: Positioning System

DS-2TD6236-50H2L/V2	DS-2TD6236-75C2L/V2	DS-2TD6266-50H2L/V2
DS-2TD6266-75C2L/V2	DS-2TD6266-100C2LV2	

e) 81X6 series: Stable PTZ

DS-2TD8166-75C2F/V2	DS-2TD8166-100C2F/V2	DS-2TD8166-150ZE2F/V2
DS-2TD8166-150ZH2F/V2	DS-2TD8166-180ZE2F/V2	

6. Third-party Integration

Thermal camera Version	V5.5.39 build 210408				
Test equipment	Milestone	Mirasys	Seetec	ONSSI	Axxonsoft
Version	Milestone XProtect series with Corporate 2017 R2	VMS Enterprise, VMS Pro	Cayuga R10	Ocularis 5.4(5.4.0.128)	Intellect 4.10.1
Live view(display VCA info)	√	×	×	×	√
Live view(display Fire point info)	×	×	×	×	×
Live view(display Temperature info)	×	√	×	×	×
Receive VCA Alarm info	√	√	√	√	√
Receive Dynamic Fire Detection info	√	√	×	×	×
Receive Temperature info	√	√	×	×	×

7. Client and Platform Compatibility

Thermal cameral Version	V5.5.39 build 210408		
Test equipment	iVMS-4200	I series NVR	IE explorer
Version	V3.4.2.1 build20210203	DS-7632N-I2/16P V4.22.005 build 191208	IE10+
Live view(display VCA info)	√	√(Web,4200)	√
Live view(display Fire point info)	√	√(Web,4200)	√
Live view(display Temperature info)	√	√(Web,4200)	√
Remote setup VCA rules (Line Crossing,Intrusion,Region Entrance,Region Exiting)	√	√(Web)	√
Setup Dynamic Fire Detection	√	√(4200, only support linkage)	√
Setup Temperature Measurement	√	√(4200, only support linkage)	√
Receive VCA Alarm info	√	√(4200)	×
Receive Dynamic Fire Detection info	√	√(4200)	×
Receive Temperature info	√	√(4200)	×
Playback(display VCA info)	√	√(Web,4200)	√
Playback(display Fire point info)	√	√(Web,4200)	√
Playback(display Temperature info)	√	√(Web,4200)	√

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:

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- The Hikvision firmware may contain errors known as errata which may cause the product to

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