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Thermal Network Bullet Camera &Turret Camera

Version: V5.5.42 build 210721

Release Note

(2021-8-10)

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1. Basic Information

Firmware Version	V5.5.42 build 210721
SDK Version	V6.1.6.25 build20201222
Play Lib	7.3.9.55 Win32_Base_Build20210507
iVMS-4200	V3.5.1.4 build20210602
Web Component/Plugin Version	V4.0.1.0 build 210707/3.0.7.42
Behavior analysis algorithm version	V3.5.4build20210708

2. New Features

2.1 New Models

Added models: DS-2TD2367-50/PY, DS-2TD2367-75/PY, DS-2TD2367-100/PY, DS-2TD2667-15/PY, DS-2TD2667-25/PY, DS-2TD2667-35/PY, DS-2TD2637-10/PY, DS-2TD2637-15/PY, DS-2TD2637-25/PY, DS-2TD2637-35/PY, DS-2TD2637T-7/P.

3. Optimized Features

3.1 VCA Optimization

● Update animal model in the algorithm to reduce animal false alarms.

● Newly add birds training samples in the algorithm to reduce false alarm caused by crow.

● Newly add vehicles training samples in algorithm to reduce false alarm caused by stationary vehicles with local part high temperature.

● Newly add vehicles training samples in algorithm to improve the alarm rate triggered by car in the close range.

● Line crossing algorithm optimization to improve line crossing alarm rate.

● Algorithm optimization to improve alarm rate triggered by human and vehicle.

● Tracking strategy optimized, solved the drift problem of the target box.

● Size filter default parameter adjusted, reduced false alarm rate.

Note: Only applicable for 160 x120 resolution devices.

3.2 Fix the issue that temperature unit centigrade degree showed garbled.

4. Supported Product List

DS-2TD1117-2/P	DS-2TD1217-2/P	DS-2TD2117-3/P	DS-2TD2617-3/P
DS-2TD1117-3/P	DS-2TD1217-3/P	DS-2TD2117-6/P	DS-2TD2617-6/P
DS-2TD1117-6/P	DS-2TD1217-6/P	DS-2TD2117-10/P	DS-2TD2617-10/P
DS-2TD1117-2/PA	DS-2TD1217-2/PA	DS-2TD2117-3/PA	DS-2TD2617-3/PA

DS-2TD1117-3/PA	DS-2TD1217-3/PA	DS-2TD2117-6/PA	DS-2TD2617-6/PA
DS-2TD1117-6/PA	DS-2TD1217-6/PA	DS-2TD2117-10/PA	DS-2TD2617-10/PA
DS-2TD1217T-2/PA	DS-2TD1217-2/PAH	DS-2TC1217-2/PA	DS-2TD2617T-3/PA
DS-2TD1217T-3/PA	DS-2TD1217-3/PAH	DS-2TC1217-3/PA	DS-2TD2617T-6/PA
DS-2TD1217T-6/PA	DS-2TD1217-6/PAH	DS-2TC1217-6/PA	DS-2TD2617T-10/PA
DS-2TD2117-3/PI	DS-2TD2117-3/PAI	DS-2TD2617-3/PI	DS-2TD2617-3/PAI
DS-2TD2117-6/PI	DS-2TD2117-6/PAI	DS-2TD2617-6/PI	DS-2TD2617-6/PAI
DS-2TD2117-10/PI	DS-2TD2117-10/PAI	DS-2TD2617-10/PI	DS-2TD2617-10/PAI
DS-2TD2137-4/P	DS-2TD2137-15/P	DS-2TD2637-10/P	DS-2TD2637-35/P
DS-2TD2137-7/P	DS-2TD2137-25/P	DS-2TD2637-15/P	DS-2TD2137T-4/P
DS-2TD2137-10/P	DS-2TD2137-35/P	DS-2TD2637-25/P	DS-2TD2137T-7/P
DS-2TD2367-50/P	DS-2TD2367-75/P	DS-2TD2367-100/P	
DS-2TD2637T-10/P	DS-2TD2637T-15/P		
DS-2TD2137-4/PI	DS-2TD2137-15/PI	DS-2TD2637-10/PI	DS-2TD2637-35/PI
DS-2TD2137-7/PI	DS-2TD2137-25/PI	DS-2TD2637-15/PI	
DS-2TD2137-10/PI	DS-2TD2137-35/PI	DS-2TD2637-25/PI	
DS-2TD2137-4/PY	DS-2TD2137-7PY	DS-2TD2137-10/PY	DS-2TD2137-15/PY
DS-2TD2137-25/PY	DS-2TD2137-35/PY		
DS-2TD2667-15/PY	DS-2TD2667-25/PY	DS-2TD2667-35/PY	
DS-2TD2167-7/P	DS-2TD2167-15/P	DS-2TD2167-25/P	DS-2TD2167-35/P
DS-2TD2667-15/P	DS-2TD2667-25/P	DS-2TD2667-35/P	DS-2TD2167T-7/P
DS-2TD2667T-15/P	DS-2TD2367-50/P	DS-2TD2367-75/P	DS-2TD2367-100/P
DS-2TD2167-7/PI	DS-2TD2167-15/PI	DS-2TD2167-25/PI	DS-2TD2167-35/PI
DS-2TD2667-15/PI	DS-2TD2667-25/PI	DS-2TD2667-35/PI	

5. Third-party Integration

Thermal camera Version	V5.5.42 build 210721				
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	√	√	×	×	×

Tips
1. The integration with milestone of fire detection and temperature measurment will be finsih in Q3.
2. All thermal cameras support Onvif.
3. We have integrated with Mirasys to provide professional solution such as temperature analysis and historical analysis.
4. We integrated with milestone to show the VCA info by metedata, and the integration of different version of Milestone is as belwo.

6. Client and Platform Compatibility

Thermal camera Version	V5.5.42 build 210721		
Test equipment	iVMS-4200	I series NVR	IE explorer
Version	v3.2.50.7 build20200616	DS-96XX-I16 NVR V4.1.50 180227	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:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.

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