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Product:	Hikvision Products	Build:	20180913	Page:	1 of 7
Action Required:	None, Information Only				

■ General Information

Firmware Version	v5.5.8_181221
SDK Version	V5.3.6.40_20180913
Play Library	v7.3.5.44
Web Component/Plugin Version	v4.0.1_181127/3.0.6.47

■ Key Updates

1. Newly added **Intelligent Analysis** options. VCA detection works after it is enabled. The Intelligent Analysis status remains the same.

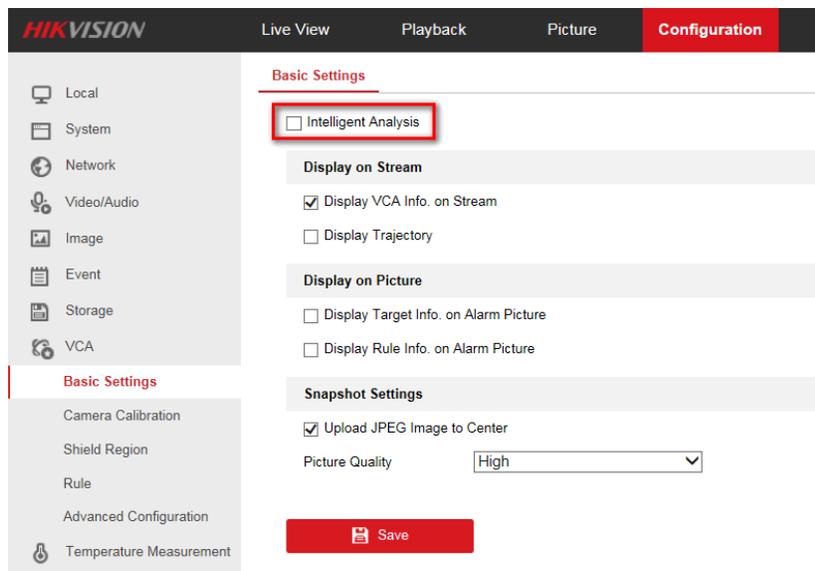


Figure 1, Intelligent Analysis checkbox

2. Newly added display VCA info by video. This means that rule and target information, fire point information, and temperature information will be shown on the local GUI of the NVR and third party platforms. **Display VCA Info by Video** refers to the same functionality as that found in the previous version, i.e. only Hikvision players can display VCA information.

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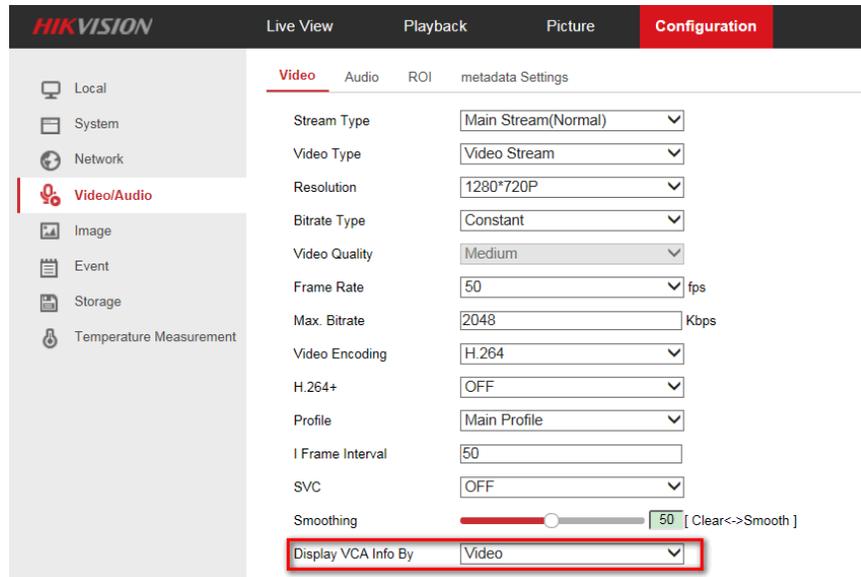


Figure 2, Display VCA Info By option

3. Newly added **Display Fire Source Info on Stream** option – a precondition to a fire point being shown in live view.

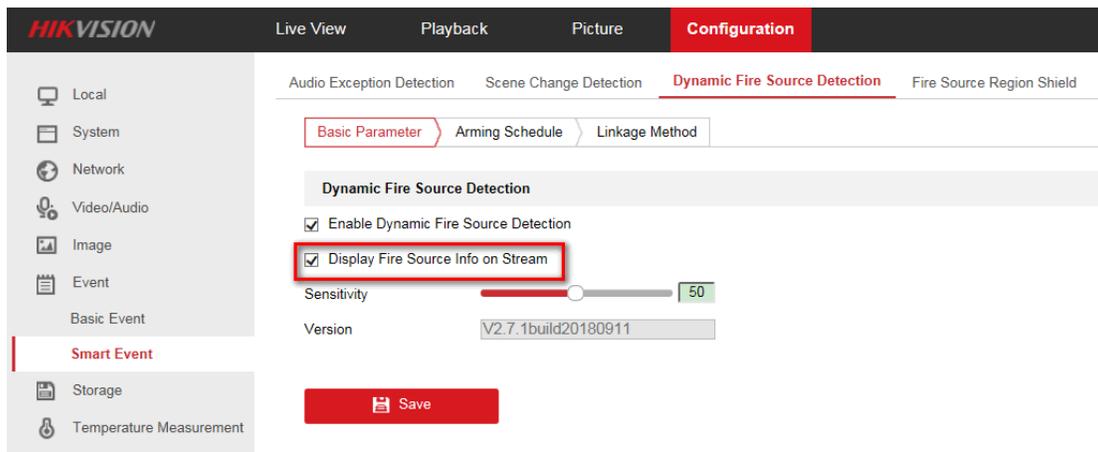


Figure 3, Display Fire Source Info on Stream

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- 4. Newly added **Manual Temperature Measurement** function. Clicking the temperature measurement option will display one temperature point in live view. The system will return to the previous temperature mode after 10 seconds.



Figure 4, Temperature point value

- 5. Temperature Measurement and Color-Temperature are disabled by default. This is identical to the previous version update.

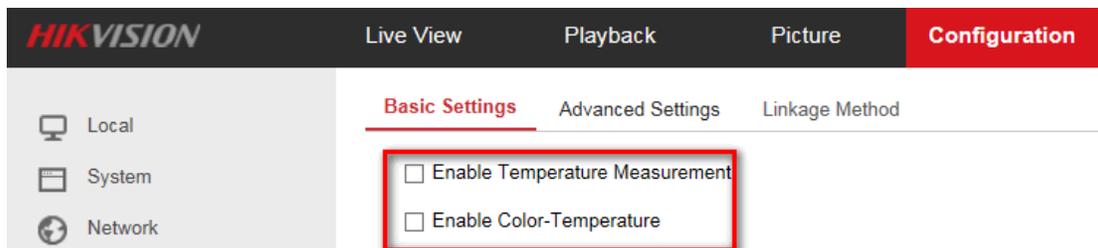


Figure 5, Temperature Measurement and Color-Temperature checkboxes

- 6. The newly supported rule ID is shown in iVMS-4200 when behaviour analysis alarm information is received.
- 7. Functionality has been optimized for the 23 series. Firmware for the camera's focus function must be updated in order to avoid the camera losing focus as a result of environmental

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temperature changes.

- 8. The behaviour analysis algorithm has been optimized for the 2615 series. The detection accuracy of the algorithm has been improved for low-pixel fuzzy targets.
- 9. The alarm information received by Hik-Connect has been optimized. Behaviour analysis alarm information now includes newly added channel and rule IDs. Temperature exception alarm information also includes high temperature alarms, low temperature alarms, high temperature pre-alarms, and low temperature pre-alarms. New channel IDs, temperature values, and rule IDs have been added. Fire source detection alarm information contains a newly added channel ID.

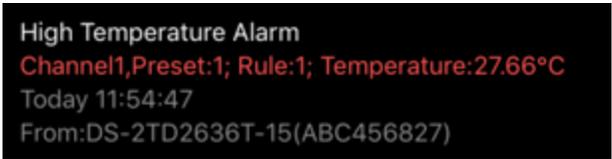


Figure 6, Sample Alarm, Channel and Rule information

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## ■ Supported Products

DS-2TD2136-7	DS-2TD2166-35/V1
DS-2TD2136-10	DS-2TD2137-7/V1
DS-2TD2136-15	DS-2TD2137-10/V1
DS-2TD2136-25	DS-2TD2137-15/V1
DS-2TD2136-35	DS-2TD2137-25/V1
DS-2TD2136T-10	DS-2TD2137-35/V1
DS-2TD2136T-15	DS-2TD2336-50
DS-2TD2136T-25	DS-2TD2336-75
DS-2TD2166-7	DS-2TD2336-100
DS-2TD2166-15	DS-2TD2366-50
DS-2TD2166-25	DS-2TD2366-75
DS-2TD2166-35	DS-2TD2366-100
DS-2TD2166T-15	DS-2TD2466-25Y
DS-2TD2166T-25	DS-2TD2466-50Y
DS-2TD2166T-35	DS-2TD2466T-25X
DS-2TD2136-7/V1	DS-2TD2615-7
DS-2TD2136-10/V1	DS-2TD2615-10
DS-2TD2136-15/V1	DS-2TD2636-10
DS-2TD2136-25/V1	DS-2TD2636-15
DS-2TD2136-35/V1	DS-2TD2836-25
DS-2TD2166-7/V1	DS-2TD2836-50
DS-2TD2166-15/V1	DS-2TD2866-25
DS-2TD2166-25/V1	DS-2TD2866-50

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## ■ Third Party Platform Compatibility List

Thermal cameral Version	V5.5.8 build 181221				
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 measurement will be finish 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 metadata, and the integration of different version of Milestone is as below.				

## ■ Hikvision Resource Compatibility List

Thermal cameral Version	V5.5.8 build 181221			
Test equipment	iVMS-4200	I series NVR	IE explorer	HIK central
Version	V2.7.1.9 build20180604	DS-96XX-I16 NVR V4.1.50 180227	IE9+	V1.1.1
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)	√	√ (Software associated with the browser to configure)
Setup Dynamic Fire Detection	√	√(4200, only support linkage)	√	√ (Software associated with the browser to configure)
Setup Temperature Measurement	√	√(4200, only support linkage)	√	√ (Software associated with the browser to configure)
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)	√	√

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■ **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.
- Hikvision is not liable for any typing or printing errors.