

Title:	RN Thermal Network PTZ Camera	Version:	v5.5.10	Date:	022420
Product:	Hikvision Products	Build:	20190326	Page:	1 of 6
Action Required:	None, Information Only				

## ■ General Information

Firmware Version	v5.5.10_190326
SDK Version	V6.0.2.5_20190105
Play Library	v7.3.6.82
Web Component/Plugin Version	v4.0.1_190118/3.0.7.12

## ■ Key Updates

1. Newly added **Back to Scene Time** option. The feature can be configured by the user and its range is 5 to 100 s. If the device manually moves to another position, it will return to scene once the setup time as been reached.

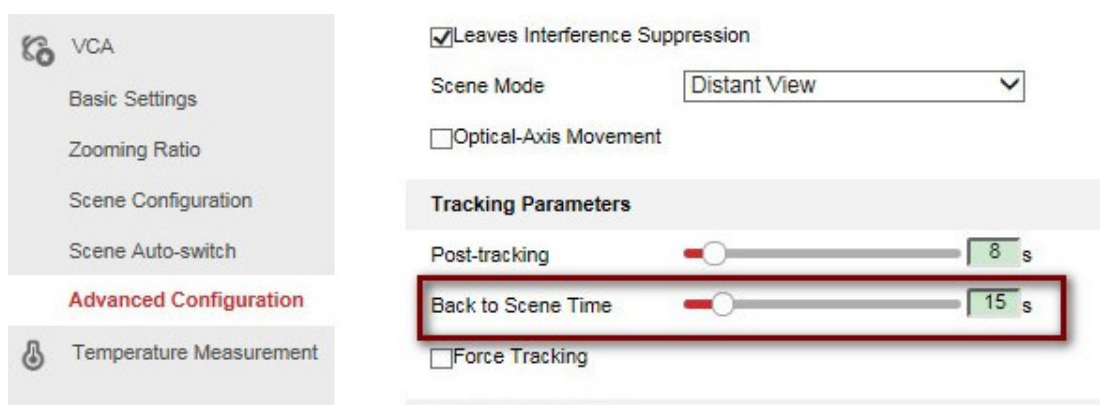


Figure 1, Back to Scene Time option

2. The **Temperature Change Adaption** option has been newly added, and it reduces the lack of focus issue that was caused by changes in temperature. It can be used for any preset, patrol or VCA scene.

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▼ Image Adjustment

▲ Focus

Focus Mode

Min. Focus Distance

Temperature Change Ad...

▼ Image Enhancement

▼ Video Adjustment

▼ Other

Figure 2, Temperature Change Adaption option

- Filtering Time** has been newly added and it reduces the number of false temperature exception alarms caused by high temperature moving targets (i.e., car engines) that pass through the detection area.

HIKVISION Live View Playback Picture **Configuration**

Basic Settings **Advanced Settings** Linkage Method

Channel No.

Configuration

Device Temperature(°C): 49

Emissivity

Distance  m

Pre-Alarm Threshold  °C

**Filtering Time**  s

Alarm Threshold  °C

**Filtering Time**  s

Pre-Alarm Output ☐ A->1 ☐ A->2

Alarm Output ☐ A->1 ☐ A->2

Figure 3, Filtering Time

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- Newly added target box when device is tracking a target.



Figure 4, Target tracking box

- Focus function has been optimized. This translates into faster focus speeds and fewer focus actions when calling a preset or scene.
- Alarm threshold range limitations have been added according to device real temperature ranges.

Emissivity	<input type="text" value="0.96"/>	
Distance	<input type="text" value="30"/>	m
Pre-Alarm Threshold	<input type="text" value="160"/>	°C <span style="color: red;">✖ Range -20-150</span>
Filtering Time	<input type="text" value="120"/>	s
Alarm Threshold	<input type="text" value="200"/>	°C <span style="color: red;">✖ Range -20-150</span>
Filtering Time	<input type="text" value="200"/>	s
Pre-Alarm Output	<input type="checkbox"/> A->1 <input type="checkbox"/> A->2	
Alarm Output	<input type="checkbox"/> A->1 <input type="checkbox"/> A->2	

Figure 5, Alarm and Pre-Alarm Threshold settings

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7. The scene position save button has been removed. The save button shown on the bottom can be used to save all settings.

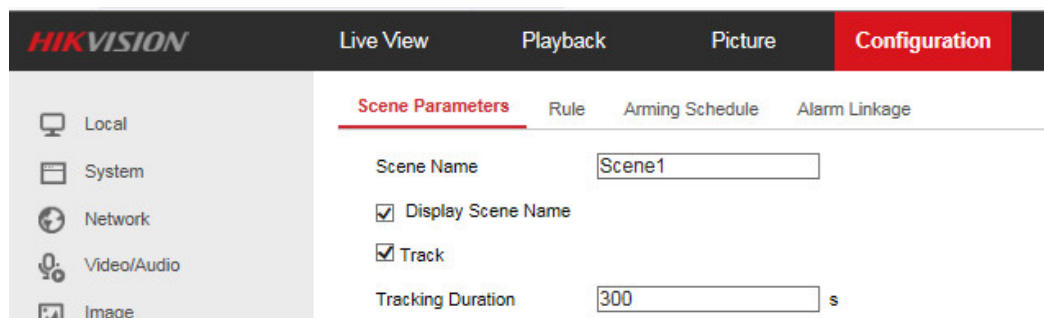


Figure 6, Scene Parameters configuration page

## ■ Supported Products

DS-2TD8166-75C2F	DS-2TD6266T-25H2L
DS-2TD8166-100C2F	DS-2TD6266T-50H2L
DS-2TD8166-150ZE2F	DS-2TD4166T-9
DS-2TD8166-180ZE2F	DS-2TD4166T-25
DS-2TD6236-50H2L	DS-2TD4166T-50
DS-2TD6236-75C2L	DS-2TD4136T-9
DS-2TD6236-100C2L	DS-2TD4136T-25
DS-2TD6266-50H2L	DS-2TD4136T-50
DS-2TD6266-75C2L	DS-2TD4136-25
DS-2TD6266-100C2L	DS-2TD4136-50
DS-2TD6236T-50H2L	DS-2TD4166-25
	DS-2TD4166-50

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### ■ Third Party Platform Compatibility List

Thermal cameral Version	V5.5.10 build 190326				
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	×	×	×	×	×

### ■ Hikvision Resource Compatibility List

Thermal cameral Version	V5.5.10 build 190326			
Test equipment	IVMS-4200	I series NVR	IE explorer	HIK central
Version	V2.6.1.6 build20170426	DS-96XX-I16 NVR V4.1.50 180227	IE7+	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.