

# **Temperature Screening Thermographic Camera**

## Version:V5.5.26 build200917

# **Release Notes**

# (2020-9-25)

Firmware Version V5.5.26 build 200917
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	Product Support List
DS-2TD1217B-3/PA	
DS-2TD1217B-6/PA	
DS-2TD2617B-3/PA	
DS-2TD2617B-6/PA	
DS-2TD2636B-10/P	
DS-2TD2636B-13/P	
DS-2TD2636B-15/P	
DS-2TD2637B-10/P	

### **Reason of Upgrade**

Added new features, fixed some known issues.



#### **New Features**

1. Added **Set Black Body Position** function in **Black Body Parameters**. Supported choosing the black body position in thermal channel as **Point** or **Frame**. Supported **Black Body Remove Alarm** by OSD.

Black Body Parameters		
Enable Black Body Correction		
Distance	3	] m
Temperature	40	]°C
Emissivity	0.97	]
Set Black Body Position	Point Frame	

Under the **Point** mode, the configuration way is the same as former versions. Click **Draw Area** to put the blue correction point on the middle of black body surface and set the **Black Body Parameters** with actual values.

0 10 2020 11 1 10 12 21	Black Body Parameters		
08-19-2020 Wei-19:12:24	Enable Black Body Corr	rection	
	Distance	3	m
	Temperature	40	°C
	Emissivity	0.97	
	Set Black Body Position	Point	$\checkmark$
	Temperature Compensati	on	
A DESCRIPTION OF THE OWNER OF THE	Enable		
	Compensation Type	Auto	$\sim$
	Compensation Value	1.7	°C
Camera 02	Manual Calibration	0	°C
	Environmental Temperat	Auto	$\checkmark$
Draw Area Clear All	Environmental Temperature	26.44	°C

Under the **Frame** mode, you should draw a frame around the black body heating surface. The device would find the blackbody position according to the shape and temperature uniformity of black body heating surface.



Basic Settings	Temperature Screening Configuration	Linkage Method			
Channel No.	Camera 02	$\checkmark$			
Overlay Inf	ormation				
Display Te	☑ Display Temperature				
🗹 Face Fram	ne 🗹 Face Temperature 🗹 Display Face	e Temperature Position			
-		- State	Black Body Parameters		
=08-16=20	20 Re 15 1:10	المتعلومات	Enable Black Body Cor	rection	
			Distance	3	m 🥑
			Temperature	40	°C 🥑
			Emissivity	0.97 Point	<b>0</b>
		Set Black Body Position	Frame	← ①	
			Temperature Compensati	ion	
			✓ Enable		
			Compensation Type	Auto	]
			Compensation Value	1.4	°C
	La	mera O2	Manual Calibration	0	°C 🕗
	Draw Are	a Clear All	Environmental Temperat	Auto 🗸	]
			Environmental Temperatur	e 22.88	°C
B	Save (3)				

When the black body is moved outside the frame under **Frame** mode, it would trigger an OSD alarm on the middle of image: "The black body was moved. Please move it to Specified area" (English only).



In addition, the black body should be included in the blue frame completely. If not, this OSD alarm would also be triggered.





**Note:** This alarm only showed by thermal channel OSD information, could not be transferred to back-end devices or platforms as a type of event.

#### **Optimization**

1. Added extra log and info in **Diagnose Information**, which helps analyze and locate trouble spot by exporting diagnose information more quickly.

HI	<b>KVISION</b>	Live View Playback Picture Configuration
Ţ	Local	Upgrade & Maintenance Log VCA Resource Type
	System	Reboot
	System Settings	Reboot Reboot the device.
	Maintenance	Default
	Security	
	User Management	Restore Reset all the parameters, except the IP parameters and user information, to the default settings.
Ø	Network	Default Restore all parameters to default settings.
.Q.	Video/Audio	Information Export
1	Image	Device Parameters
Ē	Event	Diagnose Informa Download the log, system information and hardware information.
B	Storage	Import Config. File
63	VCA	Device Parameters Browse Import
\$	Temperature Measurement	Status
		Upgrade
		Firmware V Browse Upgrade
		Status
		Note: The unarradian process will be 1 to 40 minutes, places don't disconnect power to the davice during the process. The davice reheats submatically after upgrading

2. Fixed issues of noise in the thermal imaging channel during cold booting of 160\*120-resolution cameras (DS-2TD1217B-3(6)/PA, DS-2TD2617B-3(6)/P).

3. Solved the control failure problem of connecting external devices through RS485



bus within a period of time after the device is powered on.

4. Solved the failure of intelligent features as face detection or temperature display, which is mainly caused by internally timestamp overflow when the device keeps running for over 49 days in some cases.



#### Remarks:

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