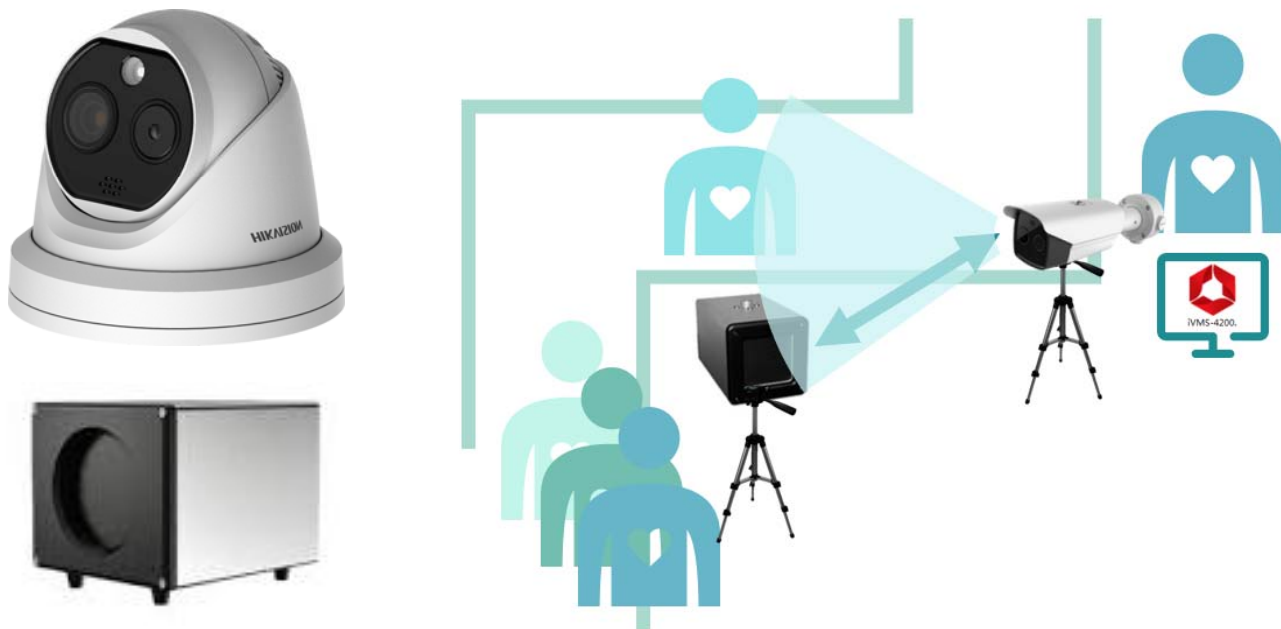


# PRT-1217 Series

## Hikvision Dual Lens Temperature Detect Camera System



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# **PRT-1217 Series**

## **Model Options**

### **Model Options:**

PRT-1217B6PA-TBB - Camera, Black Body, Tripods (0.3c)

PRT-1217B6PA-T - Camera, Tripod (0.5c)

PRT-1217B6PA-TWBB - Camera, Black Body, Tripods, Wireless (0.3c)

PRT-1217B6PA-TW - Camera, Tripod, Wireless (0.5c)

Note: The above assemblies use a junction box between the camera and the tripod to contain the camera wire harness. Ports for LAN and power connections are panel mounted.

### **Components:**

PRT-1217B6PA - Camera (only)

PRT-1217-BB - Black Body (only)

PRT-1217-CTRIPOD - Tripod for Camera

PRT-1217-BTRIPOD - Tripod for Black Body

PRT-1217-WALL-MNT - Wall Mount for Camera

PRT-1217-BB-WALL-MNT - Wall Mount for Black Body

# PRT-1217 Series

## Software, Documentation

### **iVMS4200 3.2 Software: (PC/Mac)**

<https://www.hikvision.com/europe/support/download/software/ivms4200-series/>

### **iVMS4500 App: (Android)**

Google Play, iVMS4500

### **iVMS4500 lite App: (IOS)**

Apple Store, iVMS-4500 lite

### **iVMS-4200 User Manual V3.2:**

<https://www.hikvision.com/europe/support/download/software/ivms4200-series/>

### **SDK/API Download: (for developers)**

<https://www.hikvision.com/europe/support/download/sdk/>

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera

DS-2TD1217B-6/PA

Temperature Screening Thermographic Turret Camera

DeepinView<sup>series</sup>



Hikvision DS-2TD1217B Temperature Screening Thermographic Turret camera is designed to detect elevated skin-surface temperature with high accuracy in real time. It can be used for preliminary temperature screening in office buildings, factories, stations, airports and other public places.

### Key Feature

- 160 × 120 resolution in thermal channel, high sensitivity sensor.
- Temperature range: 30°C to 45°C; temperature accuracy:  $\pm 0.5^{\circ}\text{C}$  ( $\pm 0.3^{\circ}\text{C}$  with Black Body)
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Audio alarm



[www.hikvision.com](http://www.hikvision.com)

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera

**HIKVISION**

### Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	160 × 120 (the resolution of output image is 320 × 240)
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 40 mK (25°C), F# = 1.1
Lens (Focal Length)	6.2 mm
IFOV	2.74 mrad
Field of View	25.0° × 18.7° (H × V)
Min. Focusing Distance	0.6 m
Aperture	F1.1
Optical Module	
Max. Image Resolution	2688 × 1520
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)
Shutter Speed	1s to 1/100,000s
Lens (Focal Length)	8 mm
Field of View	39.42° × 22.14° (H × V)
WDR	120 dB
Day & Night	IR cut filter with auto switch
Image Function	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image
Smart Function	
Temperature Measurement	3 temperature measurement rule types, 21 rules (10 points, 10 areas, and 1 line).
Temperature Range	30 °C to +45 °C
Temperature Accuracy	± 0.5°C <b>(+/- 0.3c with Black Body)</b>
Infrared	
IR Distance	Up to 15 m
IR Intensity and Angle	Automatically adjusted
Network	
Main Stream	Visible Light: 50Hz: 25fps (2688 × 1520), 25fps (1920 × 1080), 25fps (1280 × 720) Visible Light: 60Hz: 30fps (2688 × 1520), 30fps (1920 × 1080), 30fps (1280 × 720) Thermal: 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240
Sub-Stream	Visible Light: 50Hz: 25fps (704 × 576), 25fps (352 × 288), 25fps (176 × 144) Visible Light: 60Hz: 30fps (704 × 480), 30fps (352 × 240), 30fps (176 × 120) Thermal: 704 × 576, 352 × 288, 320 × 240
Video Compression	H.265/H.264/MJPEG

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera

**HIKVISION**

Audio Compression	G.711u/G.711a/G.722.1/MP2L2/G.726/PCM
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
Simultaneous Live View	Up to 20
User/Host Level	Up to 32 users, 3 levels: Administrator, Operator, User
Security Measures	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering
<b>Integration</b>	
Alarm Input	1-ch inputs (0-5 VDC)
Alarm Output	1-ch relay outputs, alarm response actions configurable
Alarm Action	SD recording/relay output/smart capture/FTP upload/email linkage/ audio alarm/white light alarm
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 K $\Omega$ $\pm$ 10%
Audio Output	Linear level; impedance: 600 $\Omega$
Reset	1 Reset Button
Communication Interface	1, RJ45 10M/100M Self-adaptive Ethernet interface. 1, RS-485 interface
SD Memory Card	Built-in MicroSD card slot, supporting MicroSD/SDHC/SDXC card (up to 256 G), supports manual/alarm recording
Application Programming	Open-ended API, supporting ISAPI, HIKVISION SDK, and third-party management platform
Client	iVMS-4200, Hik-Connect
Web Browser	IE9+, chrome31-44, Firefox 30-51, Safari 5.02+ (mac)
<b>General</b>	
Menu Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power	12 VDC $\pm$ 20%, two-core terminal block PoE (802.3af, class 3)
Power Consumption	12 VDC $\pm$ 20%: 0.5 A, max. 6 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 6.5 W
Working Temperature/Humidity	10 $^{\circ}$ C to 35 $^{\circ}$ C (Indoor and windless environment use only) 95% or less
Protection Level	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
Dimension	138.3 mm $\times$ 138.3 mm $\times$ 123.1 mm (5.45 " $\times$ 5.45 " $\times$ 4.85 ")
Weight	940 g (2.07 lb)

# PRT-1217B6PA

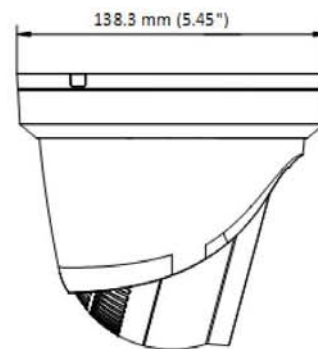
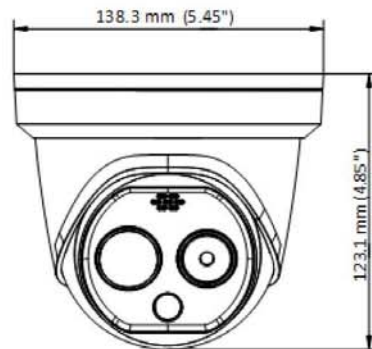
## Hikvision Dual Lens Temperature Detect Camera

**HIKVISION**

### Available Model

DS-2TD1217B-6/PA

### Dimension





# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



Medical Devices Directorate  
Direction des instruments médicaux

### COVID-19 Medical Device Authorization for Importation or Sale

### Autorisation d'importation ou de mise en vente d'un instrument médical relatif au COVID-19

Authorization Reference Number : 312820

Numéro de référence de l'autorisation

Issue Date: 2020-03-26

Date de délivrance:

#### Device Class/Classe de l'instrument : 1

Pursuant to section 5 of the Interim Order Respecting the Importation and Sale of Medical Devices for Use in Relation to COVID-19, made by the Minister of Health on March 18, 2020, the medical device listed below is now authorized for sale or importation in Canada.

Conformément à l'article 5 de l'Arrêté d'urgence concernant l'importation et la vente d'instruments médicaux relatifs au Covid-19, réalisé par la ministre de la Santé le 18 mars 2020, les instruments indiqués ci-dessous sont présentement autorisés pour la mise en vente ou l'importation au Canada.

Each shipment of a COVID-19 medical device that is imported into Canada must be accompanied by a copy of this authorization document.

Tout envoi d'un instrument médical relatif au COVID-19 doit être accompagné d'une copie de la présente autorisation.

This authorization is only valid for so long as the Interim Order Respecting the Importation and Sale of Medical Devices for Use in Relation to COVID-19 is in effect.

Cette autorisation est uniquement valide tant que l'Arrêté d'urgence concernant l'importation et la vente d'instruments médicaux relatifs au Covid-19 est en vigueur, ou l'autorisation est annulée.

#### Device Name(s) Nom de l'instrument

NETWORK THERMAL CAMERA, HANDHELD THERMOGRAPHY CAMERA

#### Name & Address of Authorization Holder/Nom & adresse du titulaire de l'autorisation

HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD  
555 QIANMO ROAD, BINJIANG DISTRICT  
HANGZHOU, ZHEJIANG  
CHINA  
310052

David Boudreau, ing., Interim Director General, Medical Devices Directorate  
Directeur général par intérim, Direction des instruments médicaux



Application Number: 312820  
Numéro de la demande:

Manufacturer ID: 151727  
Identificateur du fabricant:



# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



Medical Devices Directorate  
Direction des instruments médicaux

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**Components/Parts/Accessories/Devices for this Licence**  
**Les composantes, parties, accessoires et instruments médicaux pour cette homologation**

NETWORK THERMAL CAMERA

Device ID/No de l'instrument: 1020578  
Device Identifier / Identificateur de l'instrument  
(Model/Catalog Detail/No de modèle/Catalogue):  
DS-2TD2617B-3/PA  
DS-2TD2636B-XX/P

HANDHELD THERMOGRAPHY CAMERA

Device ID/No de l'instrument: 1020579  
Device Identifier / Identificateur de l'instrument  
(Model/Catalog Detail/No de modèle/Catalogue):  
DS-2TP21B-6AVFW

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Application Number: 312820  
Numéro de la demande:

Manufacturer ID: 151727  
Identificateur du fabricant:

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



Turret:DS-2TD1217B

Temperature measurement range: 30-45°C  
Working temperature: 10-35°C  
Accuracy:  $\pm 0.5^{\circ}\text{C}$  (0.3c with Black Body)  
Resolution: 160  $\times$  120

### 1 Installation-Tripod quick temporary deployment



Tripod Adapter For  
Turret



Tripod Adapter for  
Bullet



A. Tripod connector fixed on the adapter



B. Fix the adapter on the camera



C. Install the camera on the tripod



D. Installation complete

#### Installation Parameter Recommended

Model	Distance (between human&camera)	
DS-2TD1217B-6/PA	1.5-3m	
Model	Height	Elevation angle
	1.5m	$\leq 20^{\circ}$
DS-2TD1217B-6/PA		

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera

### 2 Configuration

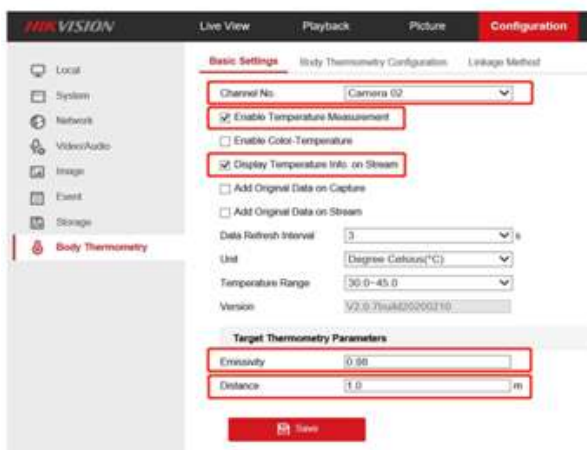
#### 1. Select Body Thermography as VCA Resource Type.



#### 2. Go to Local Configuration interface, enable and save the following settings:



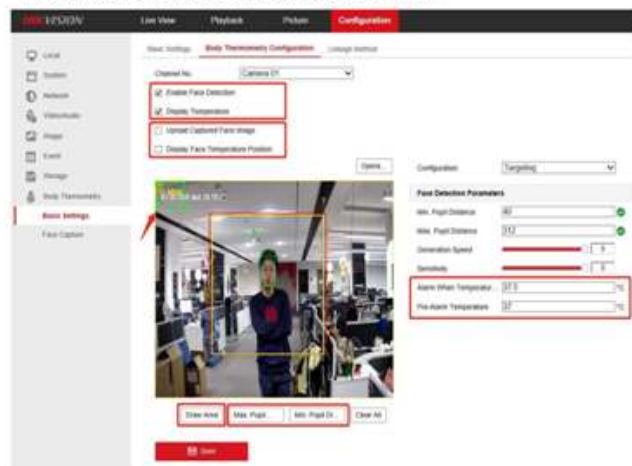
#### 3. Go to Body Thermography Basic Settings. Configure and save the following settings:



**Emissivity:** For human skin, this value is normally set as 0.98.

**Distance:** The actual distance between the camera and measured object.

#### 4. Configure Camera 01 (Optical) Settings.



Check Enable Face Detection and Display Temperature.

**Suggest uncheck** Upload Captured Face Image and Display Face Temperature Position if its not a must.

Set Alarm Temp. and Pre-alarm Temp.

Press **Draw Area** to adjust face detection region.

Click **Max. Pupil Distance** and **Min. Pupil Distance** to draw width filter frame, Max and Min distance refer to camera detection distance.



#### 5. Configure Camera 02 (Thermal) Settings.



Uncheck **Enable Blackbody Correction** If no blackbody is used. Check **Enable** of **Body Temperature Compensation** and keep parameters as default.

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



### Advice

The environment would easily influence the performance of thermal camera. Therefore, it is required to be used in a stable indoor environment without wind, and the ambient temperature should be consistent.

Here's some advice:

1. Set up a one-way screening zone, ensure that camera can see the face of body temperature measured person clearly.
2. Avoid backgrounds that are too crowded or bright.
3. 30 minutes after turn on the camera, then go body temperature measurement, because the camera itself needs to be steady first.
4. If there is a large gap between indoor and outdoor temperature, it is highly suggested to wait more than 5 minutes then measure body temperature of whom just got in.
5. Follow the guidance of required temperature measurement distance.



# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



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### How To Configure Temperature Screening

#### DS-2TDxxxxB-xx/Px Thermographic Camera with Blackbody

##### 1. General Parameters

- **Temperature Measurement Range**  
86°—113° F (30.0°—45.0° C)
- **Temperature Measurement Accuracy**  
±0.3° C
- **Camera Resolution and Focal Length**

**DS-2TD2617B-6/PA:** Thermal: 160 × 120, Optical: 2688 × 1520, 6 mm

- **AI Face Detection**  
Multiple targets (up to 30) skin-surface temperature detections at the same time  
(wearing masks does not affect this detection)

**NOTE:** The Face Detection feature does not identify individuals, but is used only to target the facial area of human subjects for temperature readings.

- **Operating Environment**  
A stable indoor environment without wind or direct sunlight

Working temperature: 50°—95° F (10°—35° C)

##### 2. Installation

- **Installation Cautions**  
The performance of this temperature-screening scheme is greatly affected by the environment. This scheme applies only to indoor environments or scenarios with calm air and consistent temperature. Besides, the relative installation location of devices and the ambient light (too bright or too dark) greatly affect face detection accuracy. In order to improve measurement accuracy and reach better human face detection performance, the installation environment has to meet certain requirements:

# PRT-1217B6PA



## Hikvision Dual Lens Temperature Detect Camera



- Select installation environments with one-direction path to ensure that cameras capture the full faces of all passing persons.
- Select installation environments with stable and sufficient lighting conditions. Supplementary light is required under backlight or insufficient lighting conditions to ensure the clear visibility of facial features.
- Select indoor environments with calm air and consistent temperature. Outdoor environments with rapid temperature changes are not recommended.
- If this scheme is used in entrance scenes that connect indoor and outdoor environments, it is suggested that the installation location should be kept at a certain distance from the entrance (such as customs or security checkpoints). Persons coming in from outdoors should stay indoors for more than five minutes before the measurement. In these ways, the influence of the outdoor temperature on measured body surface temperature could be reduced.
- Avoid objects with high or low temperature placed in the scene.
- The devices should be installed firmly, thereby avoiding face detection and temperature measurement errors caused by shaking.

### • Camera Installation

The camera should be set right in front of the one-direction path, capturing the full faces of passing persons. The installation height and the distance between the camera and measured objects is dependent on the resolution and focal length of thermographic camera, as shown in the following table.

Thermal Resolution	Thermal Focal Length	Recommended Distance (between human and camera)	Installation Height	Elevation Angle Requirements	Installation Method		Black Body Distance (between camera and black body)	Black Body Installation Height
160 * 120			1.5 m	≤20°		Tripod	≤1 m	1.7 m
	6 mm	1.5 m—3 m					≤2.0 m	
						Wall Mount		

**NOTE:** There are tripods, tripod adapters, and wall mounts offered by Hikvision for



# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



flexible or fixed placement, but these items require additional purchase.



Figure 1, Tripod, Adapter, and Wall Mount

- **Blackbody Installation**

### Installation Location

The recommended distance between the camera and the blackbody is in the above table. The blackbody is recommended to be installed at a height of 1.7m, with an elevation angle of within 15°. Ensure that the black body appears in the upper left / upper right corner of the camera view. Make sure that the blackbody would not be blocked by any other target during temperature measurement.



Figure 2, Camera Placement

### Configuration Steps

1. Start up device.

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



2. Press **SEL** for temperature setting.
3. Press **UP** and **DOWN** to adjust the temperature of the blackbody as 40° C.
4. Confirm your adjustment by pressing **SEL** again.
5. Wait until the displayed temperature value reaches 40° C and remains unchanged.

### 3. Configuration

- **Select VCA Resource Type**

1. Enter VCA Resource Type interface: **Configuration > System > Maintenance > VCA Resource Type**.

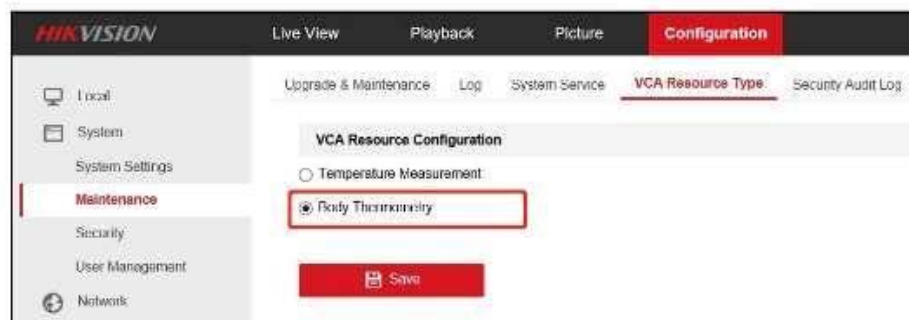


Figure 3, **Configuration > Maintenance > VCA Resource Type**

2. Select **Body Thermometry** as VCA Resource Type.
3. Click **Save** and wait for device restart.

- **Set Local Configuration**

1. Go to the Local Configuration interface: **Configuration > Local**.

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera

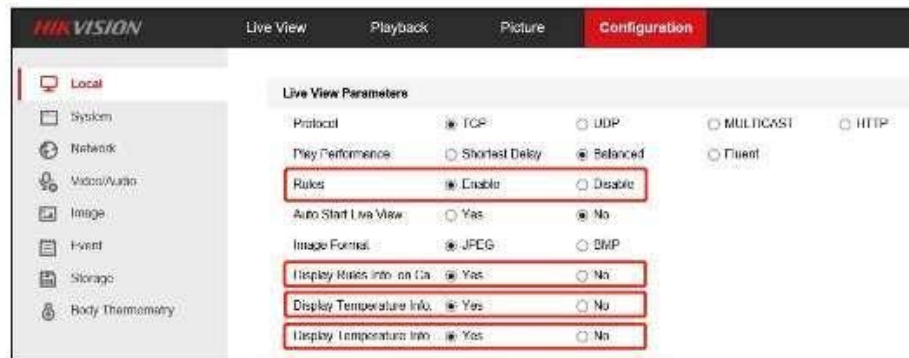


Figure 4, Configuration > Local

2. Click to enable the following settings:

- **Rules:** Refers to the rules on your local browser; select **Enable** to display the colored marks and temperature information when the face target is detected.
- **Display Rules Info. on Capture:** Select **Yes Display Rules Info** on the capture.
- **Display Temperature Info.:** Select **Yes** to display temperature information with temperature measurement rule configured.
- **Display Temperature Info. on Capture:** Select **Yes** to display temperature information on the capture.

3. Click **Save**.

### • Body Thermography Settings

1. Go to the Body Thermometry Settings interface: **Body Thermometry > Basic Settings**.

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



The screenshot displays the Hikvision web interface for configuring a PRT-1217B6PA camera. The 'Configuration' tab is active, and the 'Basic Settings' sub-tab is selected under the 'Body Thermometry Configuration' section. The left sidebar shows the 'Body Thermometry' menu item highlighted. The main configuration area includes the following settings:

- Channel No.:** Camera 01
- Enable Temperature Measurement:** ☒
- Enable Color-Temperature:** ☐
- Display Temperature Info. on Stream:** ☒
- Add Original Data on Capture:** ☐
- Add Original Data on Stream:** ☐
- Data Refresh Interval:** 3 s
- Unit:** Degree Celsius(°C)
- Temperature Range:** 30.0~45.0
- Version:** V2.0.7build20200210
- Target Thermometry Parameters:**
  - Emissivity:** 0.98
  - Distance:** 8 m

A red 'Save' button is located at the bottom of the configuration area.

Figure 5, Configuration > Basic Settings

2. Configure the following settings:

- **Enable Temperature Measurement:** Check this box to enable temperature measurement.
- **Display Temperature Info. on Stream:** Check this box to display temperature information on stream.
- **Emissivity:** The relative ability of material surface to emit energy by radiation. For human skin, this value is normally set as 0.98.
- **Distance:** The actual distance between the camera and measured object.

3. Click **Save**.

4. Go to the Body Thermometry Settings interface: **Body Thermometry > Body Thermometry Configuration**.

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



5. Select the optical camera channel (normally as **Camera 01**).

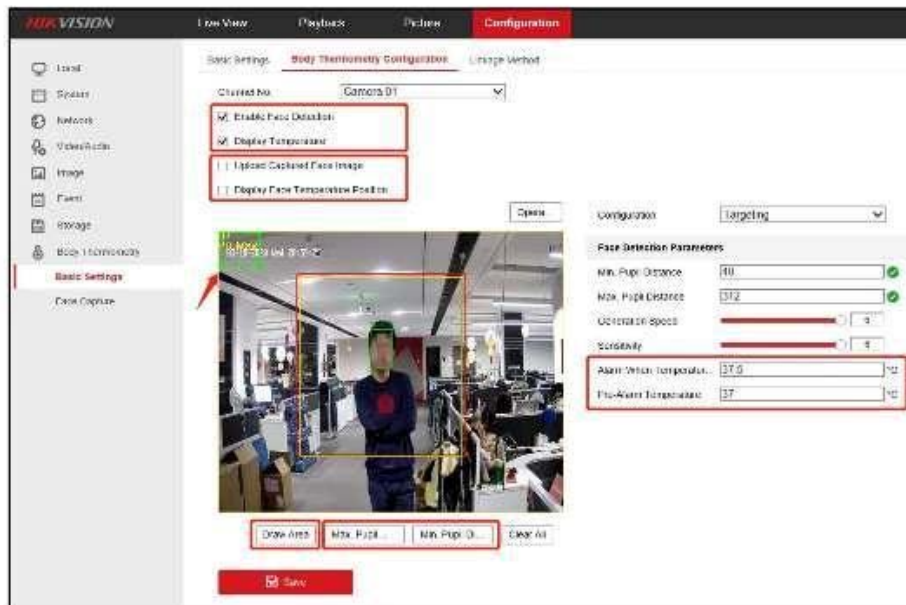


Figure 6, Configuration > Basic Settings > Body Thermometry Configuration

6. Configure the following settings:

- **Enable Face Detection:** Check this box to enable face detection function.
- **Display Temperature:** Check this box to display measured temperature.
- **Upload Captured Face Image:** Check this box to upload captured face image.  
**NOTE:** Default setting is unchecked, face images *will not* be saved or uploaded.
- **Display Face Temperature Position:** Check this box to display the point with highest temperature in target frame.
- **Configuration:** Select as **Targeting**.
- **Face Detection Parameters:**
  - Set **Generation Speed** and **Sensitivity** both as **5** for best detection performance.



# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



- It is suggested to set **Alarm When Temperature is above** as 37.5° C and **Pre-Alarm Temperature** as 37° C, or adjust to meet other requirements.
- **Draw Area:** Draw a rectangular area; only objects in this area would be detected as targets for temperature measurement.
- Press **Max. Pupil Distance** and **Min. Pupil Distance** to draw width filter frame, thereby preventing false alarm caused by people's being too close or too far. This pupil filter is actually based on the **pixel width of target frame**.

7. Click **Save**.

8. Select the thermal camera channel (normally as **Camera 02**).

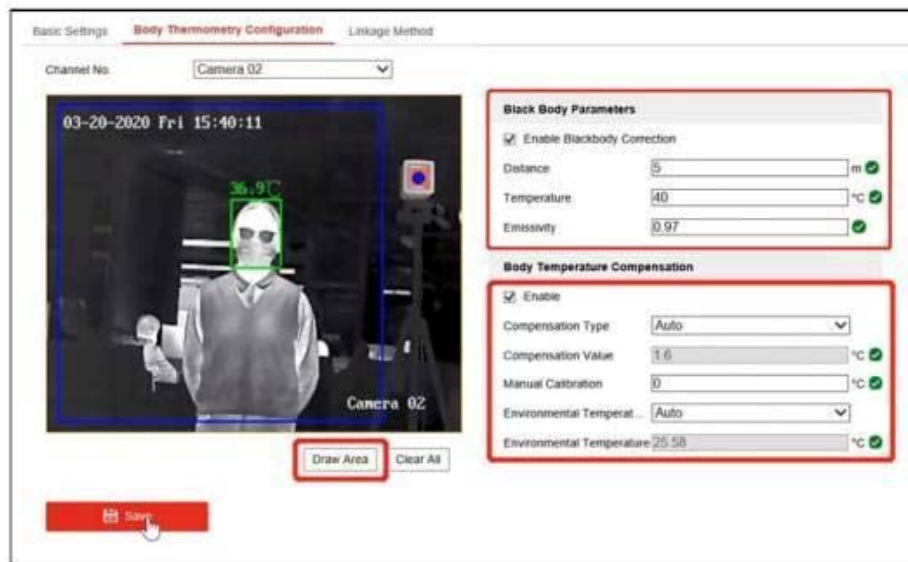


Figure 7, Body Thermometry Configuration

9. Configure the following settings:

- **Black Body Parameters:** If a blackbody is used for best performance of real-time body temperature measurement correction, the following settings should be configured.
  - **Enable Blackbody Correction:** Check this box if a blackbody is used for temperature correction.
  - **Distance:** The actual distance between the camera and the blackbody.



# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



- Set **Temperature** and **Emissivity** with the actual parameters of the used blackbody.
- **Draw Area:** Put the correction point on the center of the blackbody. The blackbody should be placed outside the human face detection area (blue box in thermal channel, yellow box in optical channel) and inside the imaging range of thermal camera (red box in optical channel).
- **Body Temperature Compensation:** Compensate the measured value according to the real-time environment temperature.
  - **Enable:** Check this box to enable body temperature compensation
  - **Compensation Type:** Setting as **Auto** is suggested; in this way, auto compensation and manual calibration value would both added to the measured value.
  - **Manual Calibration:** The set value would be added to the measured value. (If this value is set as 2° C and the measured value is 35° C, the displayed value would be 37° C). See **Manual Calibration** below for details.
  - **Environment Temperature:** Setting as **Auto** is suggested; in this way, the environment temperature would be automatically measured.

10. Click **Save**.

### • Manual Calibration

#### **Purpose:**

The performance of this body thermography scheme offered by Hikvision would be affected by different actual working environments, and the affect factors in most stable environments could be regarded as a kind of system error. If needed, it is suggested compensate through manual calibration, using the following steps.

1. Start up device.
2. Wait a period of time (more than 30 minutes) for preheating.
3. For 5 to 10 individuals, complete the following three steps, one-by-one:
  - Use an ear thermometer or other specialized thermometer to get the real body temperature, and record.
  - Use the thermographic camera to get the body temperature of the same

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera



individual, and record.

- Subtract these two numbers, and record the difference value.
4. Set **Manual Calibration** with the average value of these difference values in **Body Temperature Compensation**.

**Example:**

If data recorded during the calibration process are as the following table,

Real Body Temperature/° C	Measured Temperature/° C	Difference Value/° C	Average Value (Manual Calibration)/° C
36.8	36.3	0.5	0.5
37.0	36.5	0.5	
36.8	36.2	0.6	
36.9	36.4	0.5	
37.2	36.8	0.4	

thereby setting the **Manual Calibration** as 0.5° C.

**4. Other Notes**

- Before the device is used for actual body temperature measurement, run it for more than 30 minutes for preheating.
- This product is used for preliminary screening of people with elevated skin-surface temperature. If an alarm occurs, use a specialized medical thermometer for further body temperature check.

# **PRT-1217B6PA**

## **Hikvision Dual Lens Temperature Detect Camera**

### **Milestone X-Protect Corporate (2018R1 or higher):**

1) Download the “Hikvision Plugin 1.0.5.6 for Milestone XProtect VMS”

<https://www.hikvision.com/uk/support/download/sdk/milestone-hikvision-plugin-1-0-5-5/>

2) Install the management plugin ONLY (Hikvision-mngt-plugin.exe). Select “SERVICE” and “THERMAL” options ONLY during the installation.

3) Open the Windows Task Bar Icon Tray to find the Hikvision Plugin. Right-Click and select CONFIGURATION. Fill out the credentials required to access the Milestone Management Client. Save the settings.

4) Open the Milestone Management Client and select or create a group for the thermal camera. Add the thermal camera to the group.

5) Open the RECORDING SERVER option in the manager and select ADD HARDWARE. Add the thermal camera.

6) Select the ANALYTICS EVENTS option in the manager. Add an event named exactly “Temperature Alarm”.

# PRT-1217B6PA

## Hikvision Dual Lens Temperature Detect Camera

7) Select the ALARM DEFINITIONS option from the manager. Add a definition named exactly “Temperature Alarm”.

Under TRIGGER EVENT, select “Analytics Event” and “Temperature Alarm”.

Under SOURCES, add camera 1 from the thermal camera pair.

8) Select the TOOLS option from the manager. Select OPTIONS and enable Analytic Event.

9) Select the ALARM DATA SETTINGS option from the manager.

Under the ALARM DATA LEVELS, enable “Desktop Notifications”, “High”.

10) Select the MIP, HIKVISION, VIDEO, option from the manager followed by ALARMS tab. Check the thermal camera and select ENABLE.

11) Select the CLIENT, SMART CLIENT PROFILES option in the manager.

Open the client profile and select the ALARM MANAGER tab. Enable “Show Desktop Notifications For Alarms”.

# **PRT-1217B6PA**

## **Hikvision Dual Lens Temperature Detect Camera**

12) Open the Milestone X-Protect Smart Client application.

Under the LIVE tab, add both cameras from the thermal camera.  
(thermal and visible camera).

13) Select the MORE option then SETTINGS, ALARM MANAGER and Enable “Show Desktop Notifications For Alarms”.

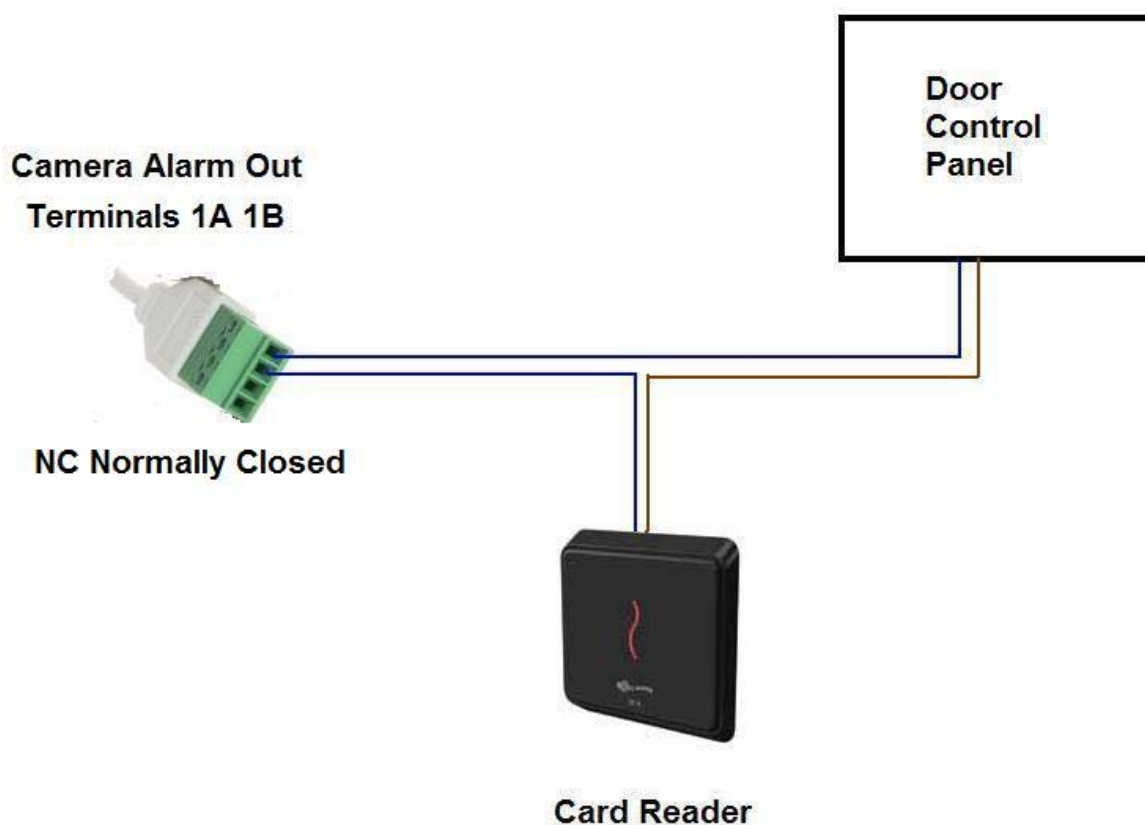
# PRT-1217B6PA

## How to Block a Card Reader on Overtemp

This information is simply a suggestion for one way to accomplish blocking a card reader when an overtemp alarm is triggered.

Consult with your access control team on suitability of this method prior to implementing.

### Block Card Reader on Overtemp



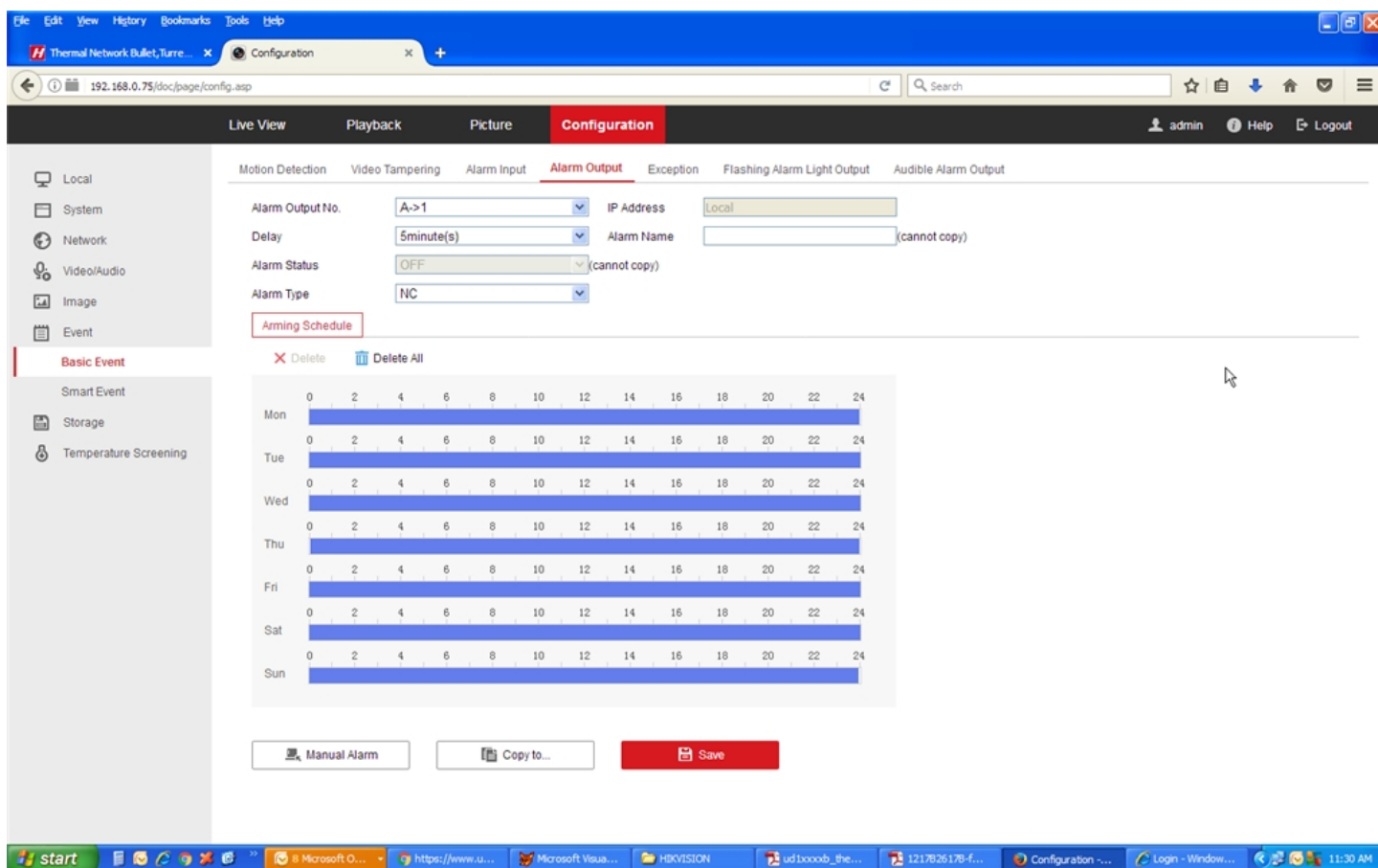


# PRT-1217B6PA

## How to Block a Card Reader on Overtemp

Set the delay time that the alarm action should stay active.

Set the Alarm Type to NC (normally closed)



# PRT-1217B6PA

## How to Block a Card Reader on Overtemp

Set the linkage method to trigger the alarm output A->1.

