Dahua Thermal Camera
Efficient, Visible, Real-Time
Thermal Temperature Monitoring Solution

Dahua Technology’s Thermal Temperature Monitoring Solution is capable of identifying individuals with an elevated temperature. With a built-in AI algorithm, it can monitor multiple people from a distance of 9.8 feet away and 4.3 feet wide, enabling fast assessment without personal contact.

Monitors temperature even when people use face accessories & headwear. And rejects false positives like hot drinks.

Sunglasses / Hat  Medical Mask  Ski Mask  Helmet  Multiple People  Hot Drink non-detection
# Solution

- **Blackbody**
- **Thermal Camera**
- **NVR**

- **Normal Temperature**
- **Abnormal Temperature**

- **Checkpoint**

- **PASS**

- **Accurate temperature monitoring**
- **Fast screening without personal contact**
- **Monitoring of multiple people at the same time for greater efficiency**
- **Visual alert when abnormal results are detected**

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# Application Scenario

- **Hospitality**
- **Public Transportation**
- **Commercial Building**
- **Casinos**
- **Education**
- **Retail**

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# Product Recommendation

- **DH-TPC-BF5421-T**
  - Hybrid thermal camera
  - Athermalized lens
  - Visible 2MP, 8mm lens
  - Thermal 300x400, 13mm

- **JQ-D70Z**
  - Blackbody
  - Required for human body temperature
  - (includes power adapter)

- **DHI-NVR5216-16P-I 4TB**
  - 16-Channel 1 U 16 PoE NVR
  - Statistical report and export
  - 4 channels mask detection / 4 channels face recognition

**Set-up**

- Distance between human and camera 9.8ft (3m)
- Distance between camera and blackbody 9.8ft (3m)
- Channel Width 4.3ft (1.3m)

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# Accessories

Each thermal camera requires a blackbody device for a 1 to 1 ratio. The set also requires two tripods and two connectors, one for the camera and one for the blackbody device.

- **Camera PSU**
  - DH-PFM320D-US
  - DC12V 2A
  - DH-PFM321D-US
  - DC12V 1A

- **RQW026-00**
  - Connector (x2)

- **VCT-999**
  - Tripod (x2)

- **DHL43-F600**
  - Monitor (x1)

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*Design and specifications are subject to change without notice | Ver. 1, April 2020*

**DAHUA TECHNOLOGY**
23 Hubble, Irvine, CA 92618
Email: sales.usa@dahuatech.com | us.dahuasecurity.com

This product is not a medical device and is not intended for use in the diagnosis, cure, mitigation, treatment, or prevention of any disease or other medical condition.

For the thermal temperature monitoring solution products are covered by a one-year warranty, including DH-TPC-BF3221-T, DH-TPC-BF5421-T, JQ-D70Z, and not eligible for return for credit.