

# Thermal Camera

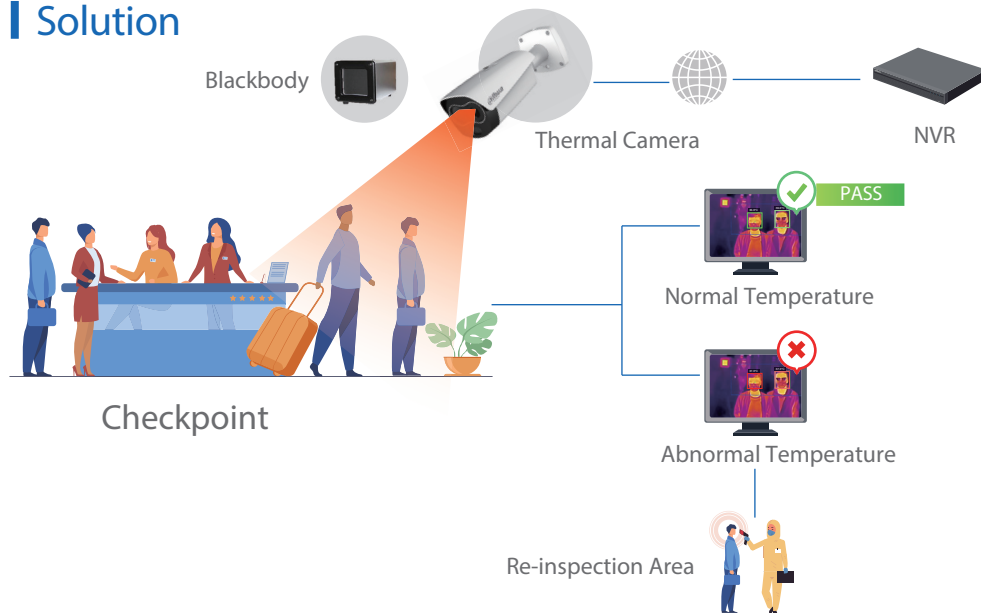
Efficient, Visible, Real-Time  
Measurement of Human Body Temperature



The new thermal camera is capable of highly accurate body temperature measurement  $\pm 0.54^{\circ}\text{F}$  (with a calibration box for accurate temperature readings). With a built-in AI algorithm, it can measure multiple people from a distance of 9.8 feet away and 4.3 feet wide, enabling fast assessment without personal contact.



## Solution



- Accurate, safe, and effective temperature measurement
- Fast screening without personal contact
- Measurement of multiple people at the same time for greater efficiency
- Visual alert when abnormal results are detected

## Application Scenario



Airport



Public Transportation



Commercial Building



Hospital



Education



Retail

## Product Recommendation



TPC-BF5421-T

Hybrid thermal camera  
Athermalized lens  
Visible 2MP, 8mm lens  
Thermal 384x288, 13mm



JQ-D70Z

Calibration box  
Required for human  
body temperature  
(includes power adapter)



NVR5216-16P-I

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)



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



VCT-999  
Tripod (x2)



RQW026-00  
Connector (x2)



DHL43-F600  
Monitor (x1)

## Accessories

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