



Thermal Camera with Access Control Solution

Solution Number: TDSOL-225

Solution Overview

Monitor access to restricted areas using temperature readings and facial recognition thanks to Bolide's BN-2600ACTC access control camera. Thanks to its backlight management with its WDR and in conjunction with the Instant Face Recognition algorithm (500ms), you can have an accurate face reading and avoid false alarms.

Detection can be done even if using a face mask. Register up to 22,400 faces in the database. The camera will issue an audible alert if a person's temperature is too high.

Customer Challenges

Organisations are under increasing pressure to ensure that the operation of physical spaces is managed not just securely, but also safely with regards restricting access to individual that may exhibit symptoms such as elevated temperature.

This is especially true for high traffic areas where the risk of spreading viral infection can cause a significant impact if not managed, but also in control environments in healthcare environments where there may be vulnerable individuals at risk.

Not only this, but this is increasingly critical for operators of commercial premises to ensure both employees and customers have peace of mind and are protected.

With all this in mind organisations are faced with having to find simple to implement and effective solutions they can get up and running with quickly.



Solution Benefits:

Support a safe return to the workplace strategy

Detect symptoms and help prevent the spread of infection

Facial recognition to restrict access to individuals with known conditions

Integrations with physical access control systems

Simple set up and configuration

Hardware	
System	Linux operation system
RAM	16G EMMC
Image sensor	1/2.7" CMOS
Lens	4mm
Camera parameters	
Effective pixel	2MP, 1920*1080
Min. Lux	Color 0.01Lux @F1.2 (ICR) B/W 0.001Lux @F1.2
SNR	≥50db(AGC OFF)
WDR	≥80db
Face recognition	
Height	1.2 - 2.2, angle adjustable
Distance	0.5 - 3 meters
View angle	Vertical ±30°
Reco. Time	<500ms
Function	Support 22400 faces database and 100000 records
Temperature	
Range	30-45 °C
Accuracy	±0.3 °C
Distance	0.3 - 0.8 meters
Response time	<300ms
Interface	
Internal interface	RJ45 10M/100M Ethernet
Weigand port	Support input/output 26 and 34
Alarm output	1ch relay output
USB port	1 USB port (can be connected to ID identifier)
General	
Power input	DC 12V/3A
Power consumption	20W(MAX)
Working temperature	0°C ~ 50°C
Humidity	5 ~ 90%, no condense



How Can Tech Data Help?

Tech Data has invested in a depth of resource to support IoT opportunity across EMEA and is able to support its value-added reseller customer in the following areas:

- End Customer solution positioning
- Opportunity Qualification
- Pre-Sales Solution positioning and design
- Business Outcome planning.
- Commercial Support

Next Steps

If you believe you have an opportunity or customer you believe is well suited to this solution or would simply like more information. Contact your local Tech Data account manager and we will ensure our dedicated IoT team supports your requirements.

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