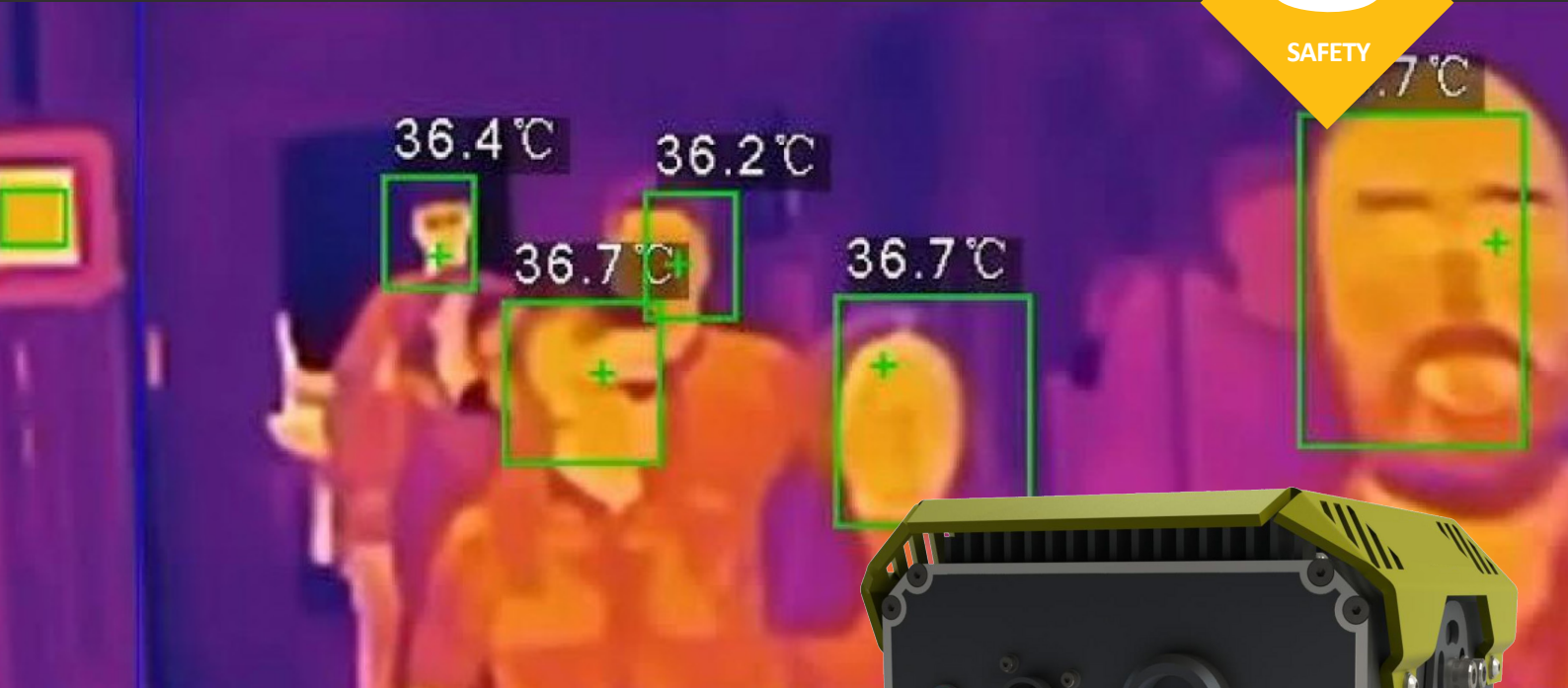




SAFETY



## ThermCAM is a total fever screening solution for Industrial, Mining and Retail companies

### Advantages

- Total fever screening solution from PBE
- Customizable configurations
- Integrated calibrated VOx sensor
- Integrated black body shutter
- High Resolution low light camera
- High accuracy facial recognition
- Integrated AI Detection algorithms and storage
- Full database accessibility
- Real-time face detection and fever screening



### Benefits

- Turnkey and integrated solution for automated fever screening in industrial and harsh environments
- Scalable solution
- South-African developed, manufactured and supported
- Rugged and suitable for harsh environments (IP 67)

### Future

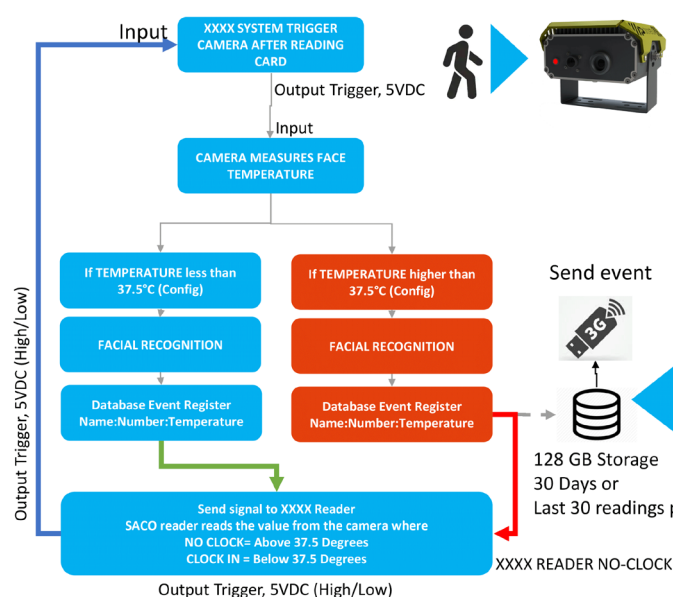
- Time based heatmaps Intuitive Graphics
- Complete fever screening management platform
- Future integration into existing systems



**PBE**

INNOVATING SAFETY.  
POWERING PRODUCTIVITY.

[pbegrp.com](http://pbegrp.com)



## Process Flow

- Data reporting
- Per person
- Temperature monitoring with face information
- SMS and email alerts
- Cloud hosted or on-premise
- If more than 10,000 we deploy a local server to store images
- 2 year software license included

## Bus Fever Screening Solution

- People counting
- Fever screening
- Facial recognition included
- 4x Outputs
- 4x Inputs

## Access Control Fever Screening Solution

- People counting
- Fever screening
- Facial recognition included
- 4x Outputs
- 4x Inputs

## Specifications

General		Electrical		Environmental	
Application	Indoor and Outdoor	Operating Voltage	PoE+48VDC (24 Watt) (10-36VDC)	Ambient Temperature Range	-20°C to 60°C
Installation Height	1m .. 2m	Dimensions	Camera: 140mm x 120mm x 90mm	Storage Temperature Range	-20°C to 85°C
Field of View	50 degrees	Weight	2.4kg	Rating	IP67
Housing	Aluminium IP67	I/O		Temperature	
Rating	IP67	Inputs	4x Digital Inputs	Accuracy	0.5°C, vanadium-oxide (VOx) microbolometer
Range	Up to 1.5m	Outputs	4x Relay Outputs	Resolution	80 x 60 Thermal (50 Degrees Field of view)
Facial Recognition				Distance	< 1.0 meter
AI	Yes, embedded				
Resolution	1280 x 720				
Distance	< 1.5 meter				
Storage	128GB				

## About Us

PBE Group ("PBE") provide an adaptive and flexible integrated solution where a reliance on safety and productivity is essential. PBE is a true global systems provider for the mining, tunnelling, construction and associated markets. Our specialised engineering team integrates our industry specific manufactured products and best in class 3rd party products to ensure a sophisticated, robust and commercially viable solution. Our growth in international markets is based on the key verticals of Technology, Power and Service Delivery – fundamental in any industrial project. Our experience in confined space and underground construction has enabled PBE to complete over 850 projects in more than 60 countries with 320 staff and 18 regional offices. ♦

## Disclaimer

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