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TRACK • MANAGE • PROTECT



Fever Detection

By Damstra Technology



Contents



- ● Introducing integrated fever detection

- ● About Damstra Technology



Introducing fever detection integrated with facial recognition



Introduction

- Facial scanning and fever detection are the key to protecting workers and the public in a covid-19 world where restrictions are easing
- This Damstra solution supports organisations across all industries in keeping workplaces, hospitals, schools and universities safe

How the infrared sensor works

- Infrared sensor equipped with facial scanning technology scans the face to verify a person
- Once verified, infrared sensor senses temperature

Options available

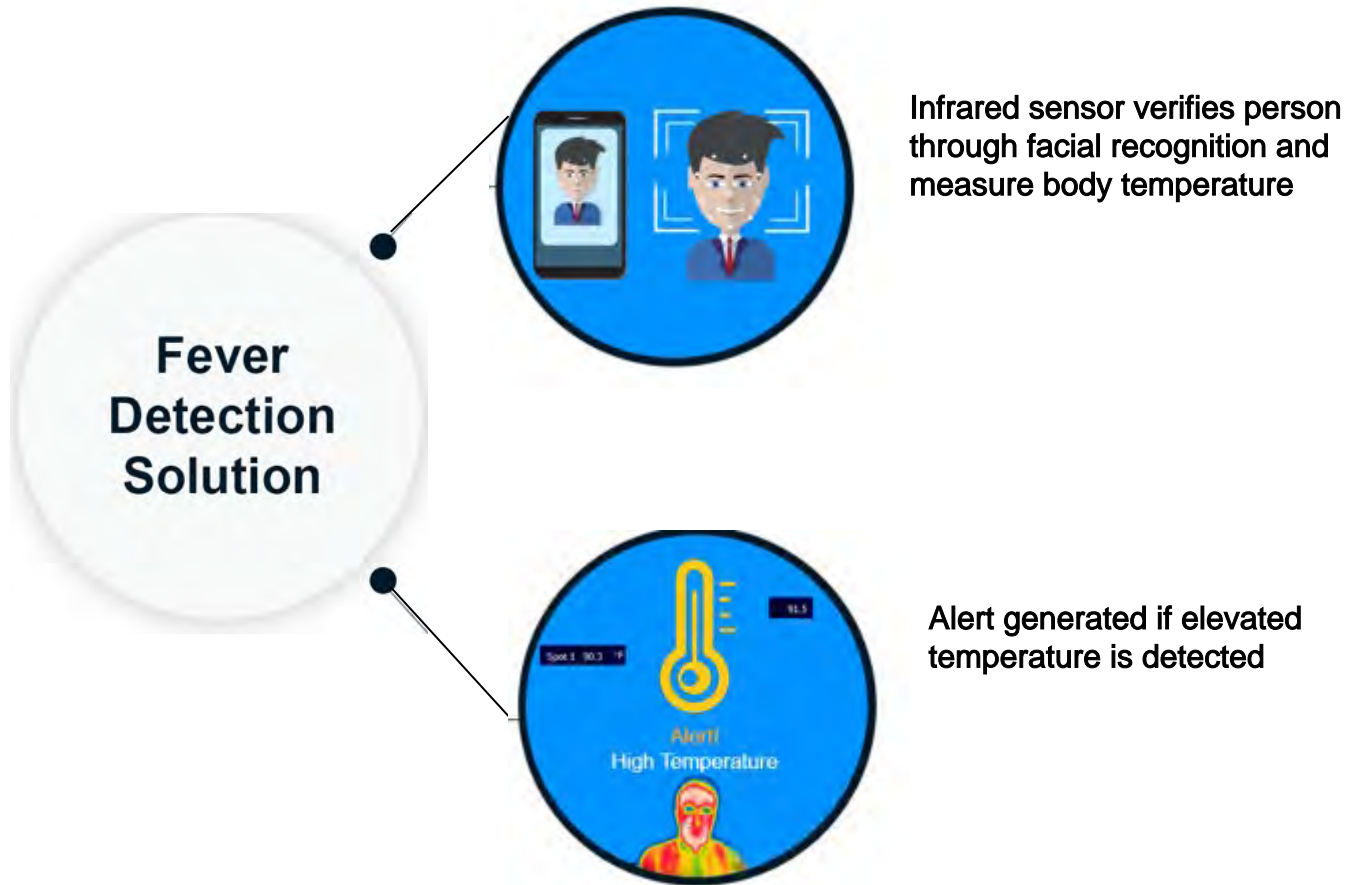
- Standalone solution with access controller
- Facial scanning and fever detection integrated with Damstra access control available as a complete solution, and available as an add-on for customers with existing terminals



Option 1: Fever detection solution with access control panel



Fever detection solution for organisations that want to detect elevated temperature in people



Option 2: Fever detection as a add on to a Damstra terminal



Fever detection solution integrated with Damstra access control as an add -on to terminals

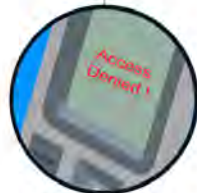
**Fever
Detection
Solution**



Infrared sensor verifies person through facial recognition and measures body temperature



The temperature of the person is recorded against their Damstra profile

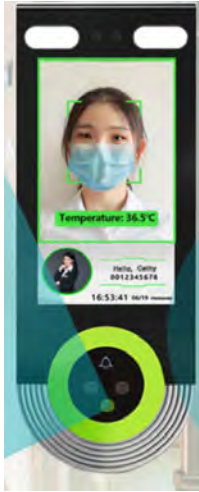


If the temperature is higher than the set temperature, alerts are instantly sent by sms and email to supervisors and a triage team, so decisions can be made to keep others safe.





Features of the infrared array body temperature sensor



Temperature detection, the infrared array body temperature sensor, no entry with high temperature.

Body temperature + face recognition completed in 0.3 seconds.

Temperature measurement distance: the recognition distance is 0.3-1m (0.5m optimal).

Adopts the temperature sensor of Belgian Melexis infrared matrix.

5.5-Inch IPS full-view and high-definition display screen (1280x720).

Multiple people simultaneous recognition, 1: N / 1:1 can identify four people at the same time.

≤0.5second high speed identification,99.9% accuracy rate, wide dynamic 2 Mega pixel HD camera,360-Degree biometrics liveness recognition.

Metal body, Smog-proof, sturdy and durable.

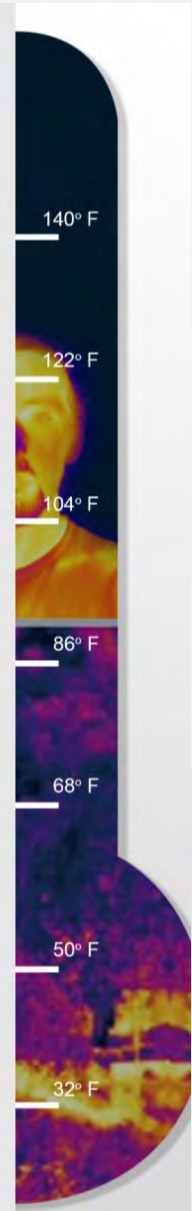
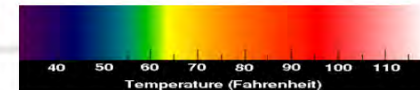
Sophisticated Infrared Matrix identifies the face



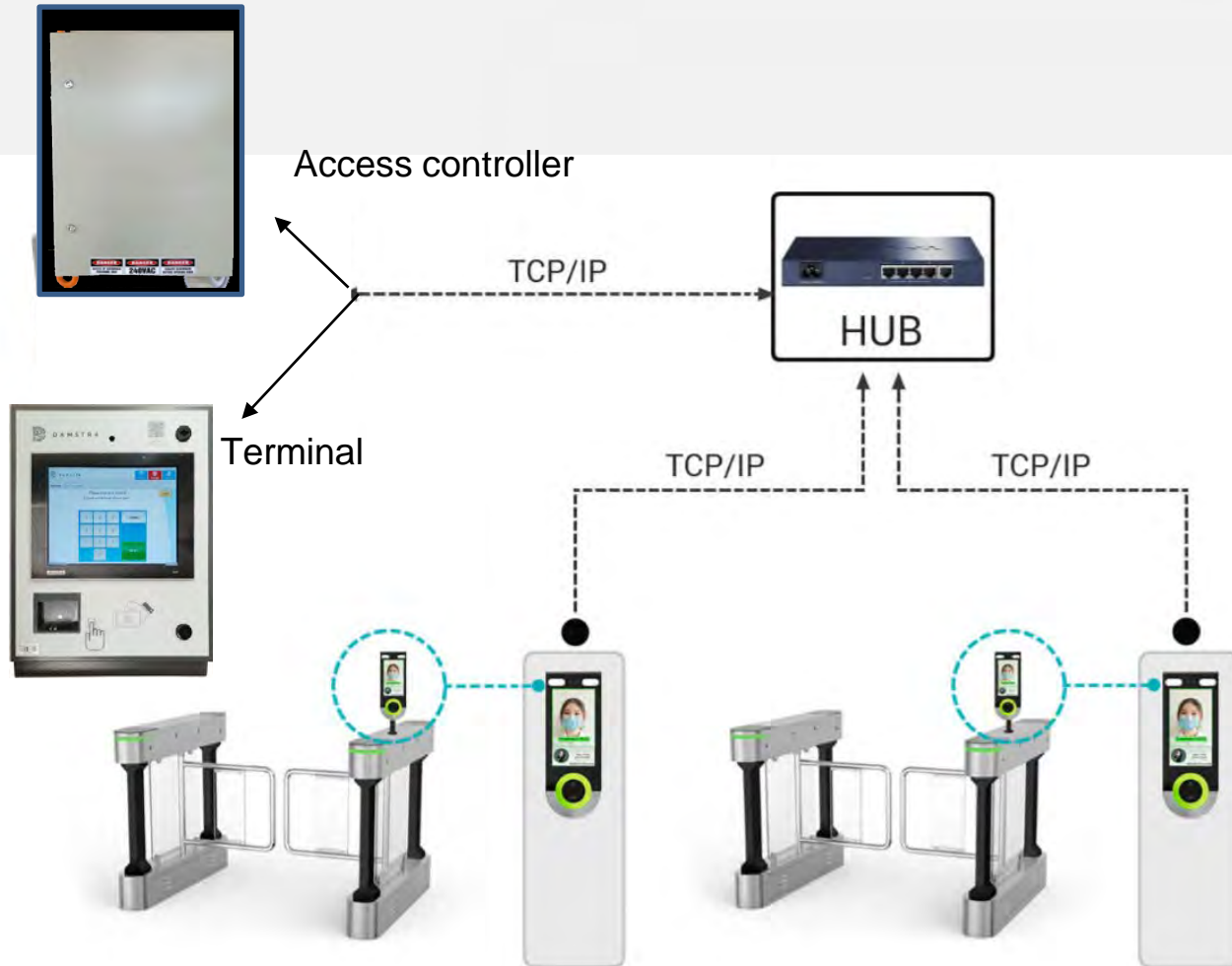
Software builds a heat map



Heat map is translated into a highly accurate temperature reading



Configuration for both standalone and terminal add - on



Technical details



Body material	Zinc Alloy Body
Display screen	5.5 inch IPS Full View HD Screen
User capacity	20,000 faces
Recognition way	1:N / 1:1
Identification speed	<0.5
Working voltage	DC12V/2A
Working temperature	-10°C to 70°C
Working humidity	10%-90% RH

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Damstra Technology – Overview

First established in 2002, Damstra is an Australian-based provider of workplace management solutions globally to all industry where health and safety is a must



9
offices

10
countries

400
blue-chip
clients

>386,000
licenses

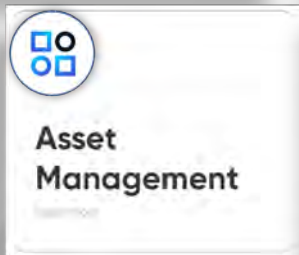
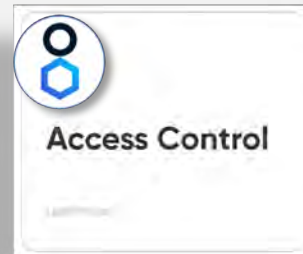
>3.2m
hours in time &
attendance
per month

>160,000
blood alcohol
readings every
month



Digital solutions for the connected workplace

Managing workplaces safer and more efficiently
through people -centric technologies



WORKPLACE MANAGEMENT PLATFORM

- World leading cloud based workplace management platform to track, manage and protect your workers and assets

ALL-IN-ONE INTEGRATED SOLUTION

- An all in one, integrated solution to manage your workforce, assets, site access, learning and HSE compliance

DASHBOARDS, ALERTS, ANALYTICS

- With real -time dashboards and predictive analytics to drive innovation in safety, compliance and efficiency.



Our Value Proposition

Driving technology-driven performance improvements through digitalisation



Increasing pace of digitalisation is driving technology driven performance improvements of organisations



Enabling business transformation from pen and paper to a digital, SaaS-based platform to manage compliance, risk, health and safety



Integrated solution for workforce, asset, learning and HSE management aligned with access control systems



Providing real time alerts, insights, tracking of compliance metrics, performance and efficiency measures



Reducing operational costs, increasing productivity and enhancing compliance & safety



More than a Technology Provider



Partnering
with our
clients is at
the core of
what we do



Founded in 2002 and today a global organisation



Innovative, best -in-breed software solutions



Digital platforms, designed and configured to meet client needs



Value -driven, intrinsically motivated & committed team



Dedicated to creating safe environments for our clients



Supported by an extensive network of partners



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