DERMALOG

Fever Detection Camera FLC1

36.5 °C
Fever Detection
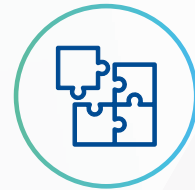
OK

DERMALOG

FLC1

HIGHLY ACCURATE

EXTREMELY FAST

EASY TO INTEGRATE

MADE IN
GERMANY

38,6 °C **37,1 °C** **36,1 °C** **37,9 °C** **38,6 °C**
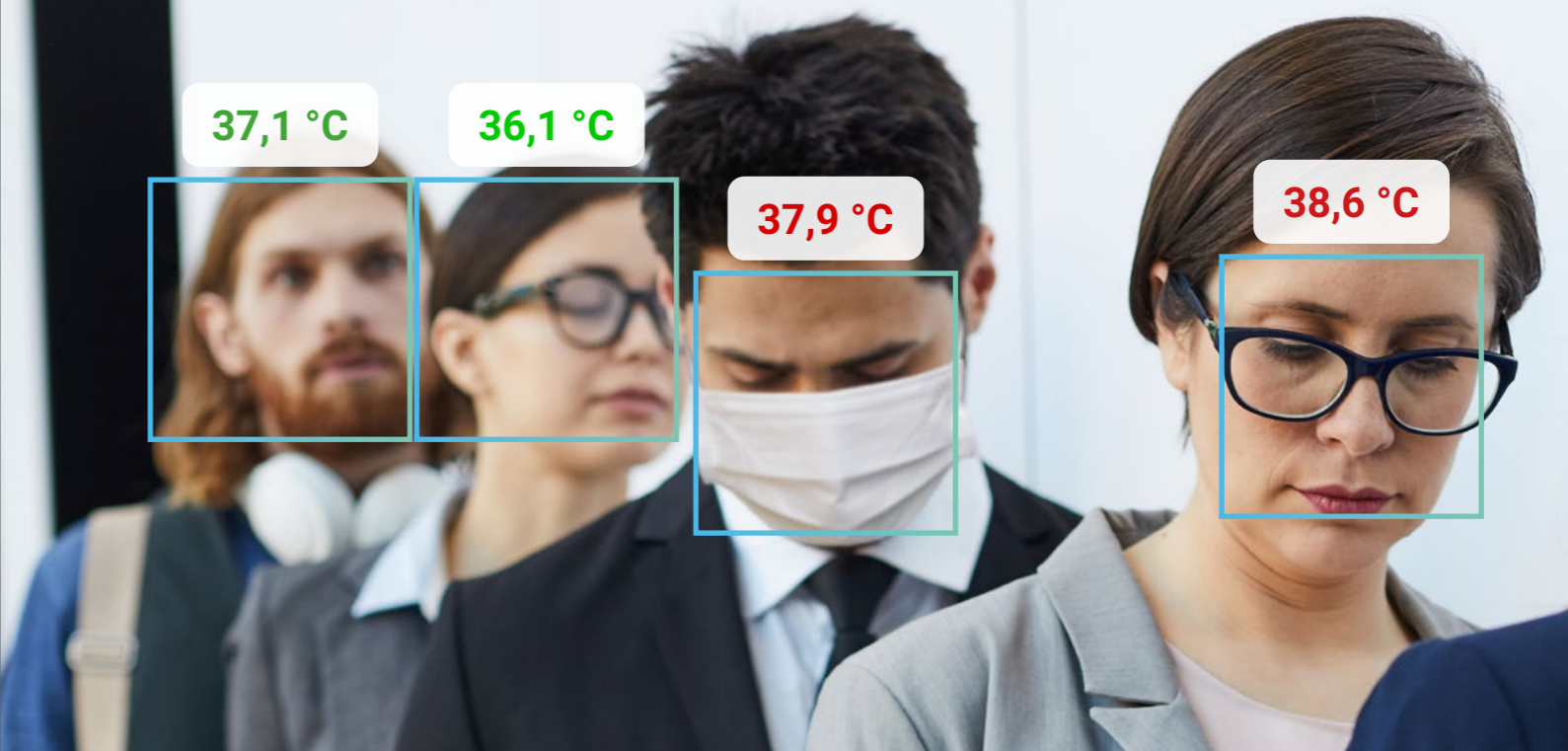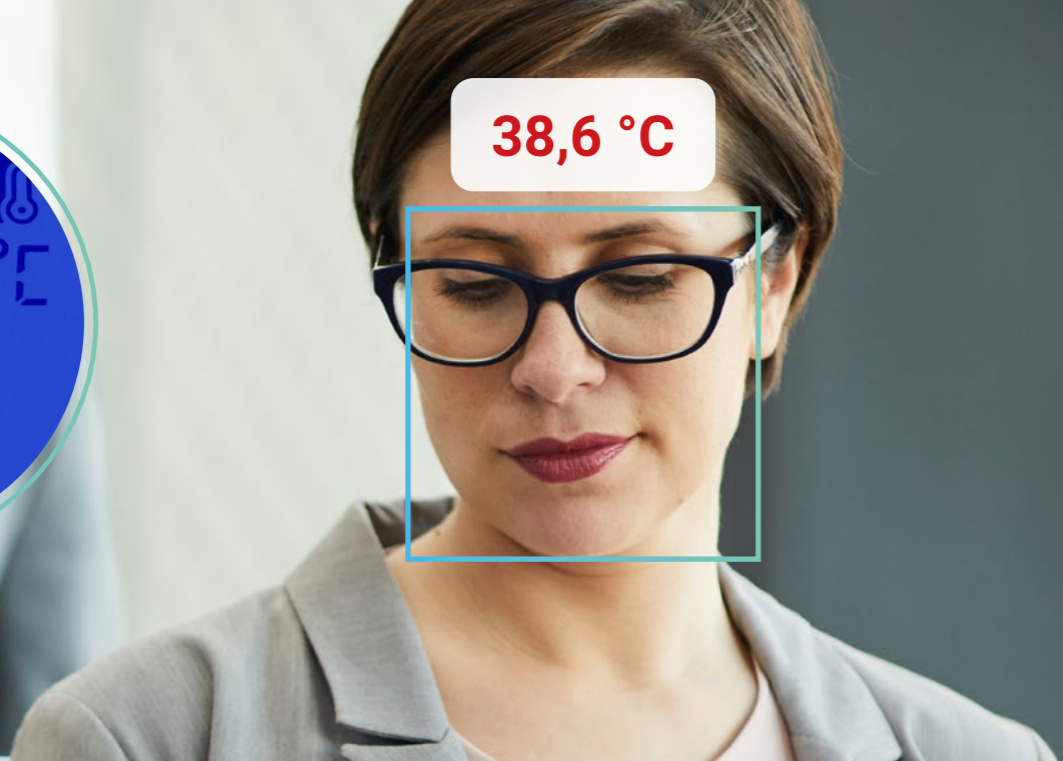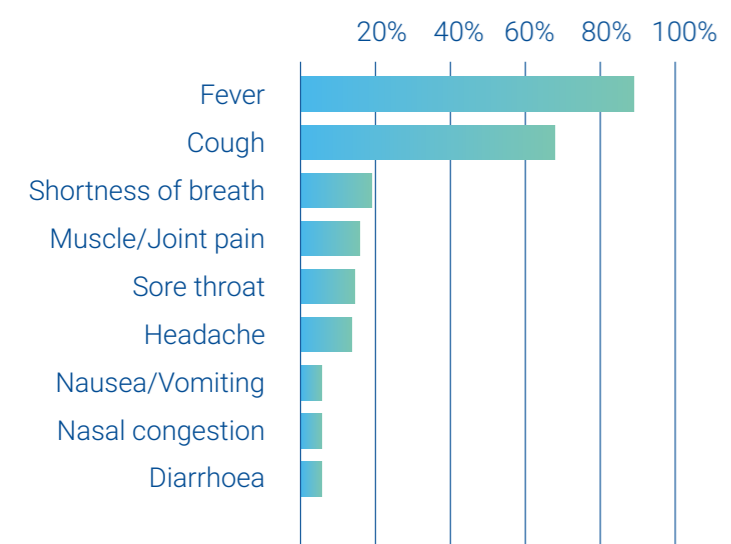
Effective fever detection by DERMALOG

DERMALOG´s latest Fever Detection Camera enables the most accurate and fastest fever screening of passengers at national borders and airports, as well as a secure fever screening for shops, offices, buildings, exhibitions, etc.

20% 40% 60% 80% 100%

- Fever
- Cough
- Shortness of breath
- Muscle/Joint pain
- Sore throat
- Headache
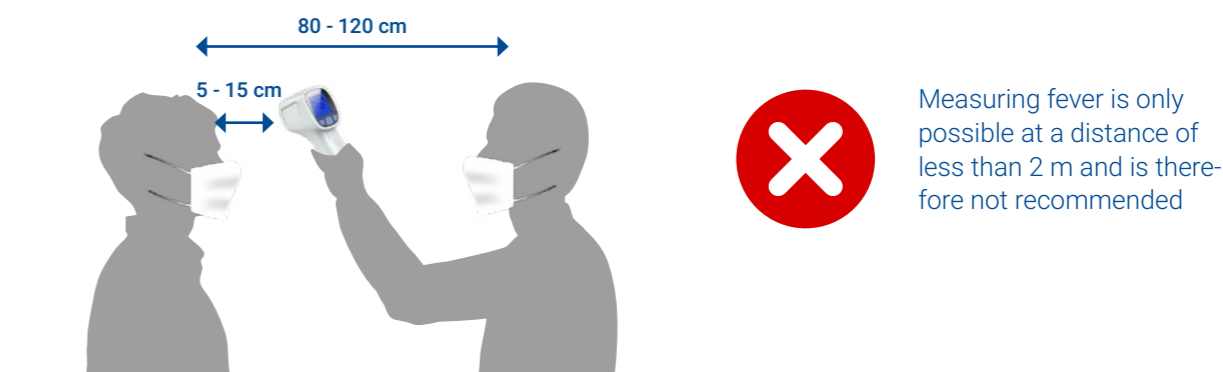- Nausea/Vomiting
- Nasal congestion
- Diarrhoea

Occurrence of the most frequent symptoms in COVID-19 cases in China (n=55,924 laboratory-confirmed cases; status 20.02.2020) Source: Robert Koch Institute

DERMALOG´s latest Fever Detection Camera enables the most accurate and fastest fever screening of persons at the following locations:

- Airports
- Border Control
- E-Gates / E-Kiosks
- Banks
- Hotels
- Exhibitions and Congresses
- Government Buildings
- Ships
- Marketplaces
- Offices
- Public transport
- Retailers
- Supermarkets
- Schools and Universities
- Retirement Homes
- Nursing Homes
- Hospitals
- Stadiums
- Shops
- etc.

Most fever detection devices require a short distance of less than 1.5 meters between two persons. As such they are of high risk for both persons in terms of virus transmission.

80 - 120 cm

5 - 15 cm

Measuring fever is only possible at a distance of less than 2 m and is therefore not recommended

DERMALOG´s automatic fever camera does not require an operator doing the measurement and it can measure up to 5 persons at the same time within a range of 2 meters or more.

200 cm

Fever Detection Camera FLC1

Temperature 36,5 °C

Temperature 39,7 °C
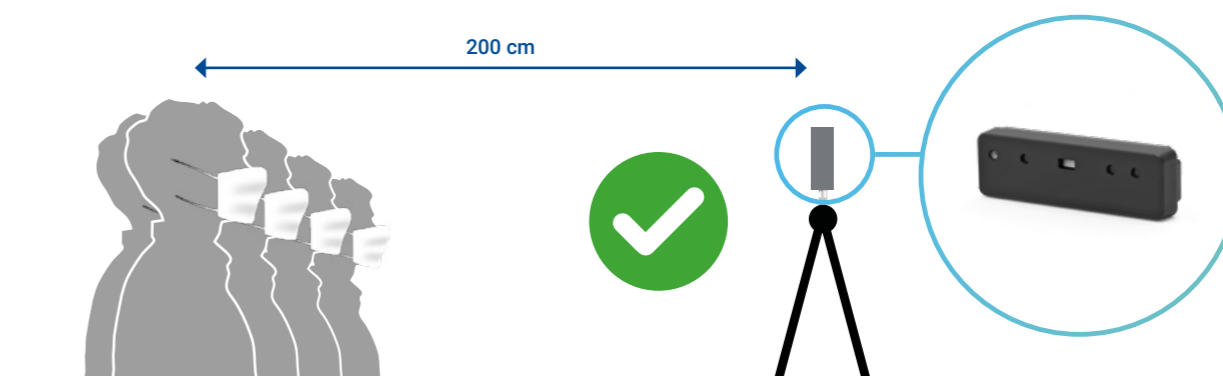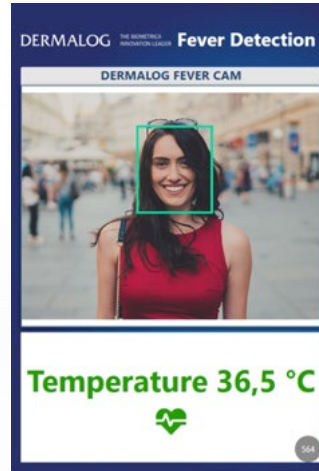
Technical Features

Sensors	Thermal sensor RGB sensor 3D sensor
Fever detection accuracy	± 0.5 °C
Measuring speed	0.7 - 2 s
Distance	0.5 - 2 m
Weight	130 g
Dimensions	120 mm x 37 mm x 23 mm
Compliance	RoHS compliant (CE certification in process)
Interface	USB 3.0
SDK	.Net/ C/C++ (Java coming soon)
Application software	DERMALOG Fever Detection Version 1.0

Requirements

Processor	Intel i3/ 9th generation – Intel i5/ 8th generation (similar or equaly)
RAM	8 GB DDR3 (minimum), 16GB DDR4 (recommended)
Hard Drive	1 GB (SSD recommended)
Interfaces	USB 3.0 HDMI port for display
Graphics card	Additional graphics card is recommended
Operating system	Windows 10