

## No-Touch Fever screening



### Prevention for employees and customers!

A single COVID-19 infection in your company can lead to quarantine of an a part or the entire company. An enormous economic business risk.

Increased body temperature is a possible first symptom and can be easily measured without contact and with high precision.

This can be done quickly and without extensive medical tests.

Recognizing possible illnesses at an early stage enables a quicker return to our "normal" life with all the social and economic contacts that we need and love, while at the same time controlling the risk of another epidemics flare up.

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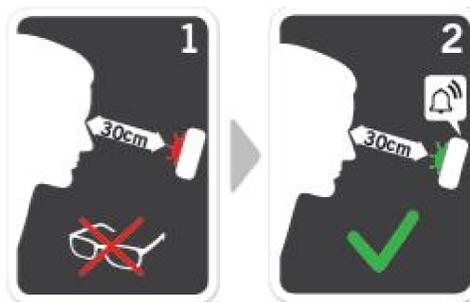
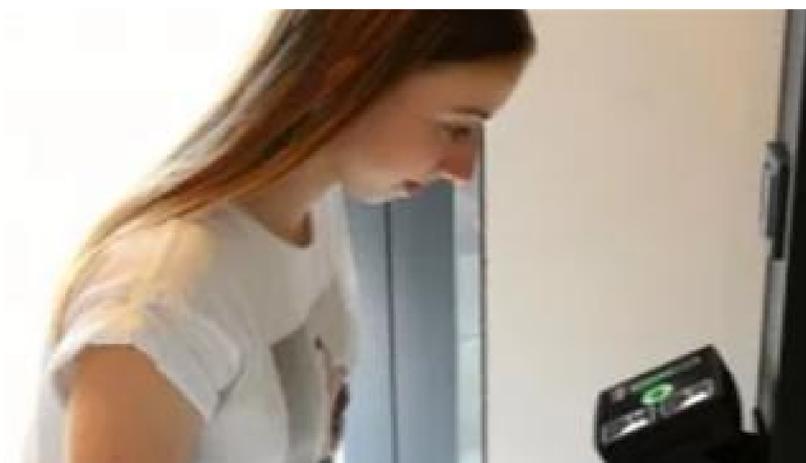
According to WHO report 2/2020, fever is by far the most common first diagnosis \* (87.9%) for COVID-19 infections.

Even with low viral load, the body temperature rises before the onset of usual symptoms due to the increasing immune defense.

Fever therefore plays a crucial role in the early detection of potentially infected people who do not yet notice any further symptoms, but could still spread on the virus.



Ideal for industry, administration, hotels, restaurants, leisure facilities, event locations, transport companies, offices, authorities, schools, day care centers, nursing homes, hospitals and many more.



Optionally, the measurement process can be started using RFID cards and logged in the log file.



Rapid, non-contact temperature measurement with high accuracy, logical operator guidance with or without logging.

Deep learning algorithms and the process of temperature measurement by 1024 sensors at defined points on the eyes and forehead, result in a much more reproducible measurement than with comparable methods. Interfering influences can largely be eliminated. With more than 1,000 measured values, a reliable statement of the body temperature is created.

### Technical details:

User interfaces Contactless operation on the device with display of the measurement result via LEDs and integrated web software with additional information on the measurement result and configuration

Measuring speed 0.6 seconds after detection of the head position; Typical measuring time per person (approach - measure - step away) approx. 5 seconds

Sensor IR Thermal Array 1024 pixel infrared array, measuring range 0 to 100 ° C, germanium optics,

Calibration temperature 35 ° C, W ± 0.3 ° C, active temperature compensation

Distance measurement sensor, class 1 eye-safe laser measurement (IEC 60825-1: 2014-3)

Signal generator Acoustic measurement confirmation via signal generator, 85dB, 2.3kHz

External signaling outputs 2x signaling outputs (e.g. measurement OK / NOK) for controlling doors, turnstiles etc. Connection via separate KIO3 power adapter with relay outputs

LED display temperature scale with 8x LED for temperature display and display of four temperature ranges

Illuminated ring with 4x LED for focusing and measurement display

Memory SD card integri. Micro SD card holder as additional storage

Power supply 12-72VAC / DC power consumption approx.1.5W, PoE class 1

Housing material: PS 120 x 120 x 50 mm, 150g, color: black, protection class: IP30

Ambient conditions temperature 0 - 50 ° C air humidity 5-95%, non-condensing

Scope of delivery mounting bracket, wall bracket, mounting material, cable 3m

Accessories IO adapter with power supply for controlling external devices (KIO3)

Optional stand

