AI-Based Fever Screener
What is AI-Based Fever Screener?

The AI-Based Fever Screener is a complex solution for crowded areas. The solution detects the most common symptoms of COVID-19, among which is high body temperature. AI-Based Fever Screener is designed for multitarget temperature measurement with a high speed of results delivery. The system also includes the alerting module to immediately inform if potentially infected individuals are detected. The most common application fields are shown below:

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<th>Airports</th>
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<th>Commercial buildings</th>
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<th>Shopping centers</th>
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Al-based Fever Screener can also be used to further detect emerging respiratory viruses to prevent the mass spread.
How AI-based Fever Screener works

The contactless system is easy to install and operate in the most visited and crowded places, such as entries, checkpoints, halls, etc.

Up to 30 persons may be screened simultaneously.

The solution employs artificial intelligence to recognize an individual's face and measure the body temperature, even if the face is covered with a mask, glasses, headwear, and other accessories.

The accuracy is ±0.3°C

Thermal cameras continuously monitor and measure body temperature, displaying the received data on the screen.

The speed of data displayed is less than 1.2 sec

Any anomalies will be automatically detected. Every responsible immediately receives details for additional checks and further actions.

The alerting system notifies the responsible recipient in a sec after the anomaly is detected.
The AI-based Fever Screener main features

- **Artificial intelligence module**
  The module detects the right individual and finds an appropriate facial point to measure body temperature. As a result, the system saves time by analyzing only potentially infected individuals and increases the accuracy of the body temperature measurement (the permissible deviations of thermal cameras depend on the optical equipment used).

- **Equipment**
  The system can be integrated in thermal imaging systems. With audible alarm notifications, the system allows for efficiently tracking each case and proceeding with further actions.

- **Reporting system**
  Build daily or long-term reports on the recorded infection events, depending on the goal—establishing daily control over the situation, tracking the dynamics of events for data-driven decision-making, etc.

Buy AI-based Fever Screener system to protect yourself from the COVID-19 virus spread. Find the detailed information on the website altoros.com/solutions/mass-fever-screener-with-ai

Contact us to discuss the next steps

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