

FACIAL RECOGNITION THERMAL SCANNER & INTELLIGENT VISITOR MANAGEMENT SYSTEM



With the gradual re-opening of businesses, employees and visitors are still required to take their temperatures daily, wear a mask during office hours and use the SafeEntry App to check in and out of buildings.

We believe that the right technology can provide real, practical solutions for workplace continuity and visitor management and at the same time, reduce the risks of infection within the community. Powered by AI and machine learning, the Facial Recognition Thermal Scanner comes with the following features to provide all the safety measures needed for businesses to resume operations quickly.

The Facial Recognition Thermal Scanner can be placed at the entrances/exits gantries of different locations, e.g. clinics, pharmacies, X-Ray rooms etc. to identify registered visitors. The device also simultaneously scans and records the body temperatures of visitors. It further aids the enforcement policy of face masks – the new ‘norm’ for everyone – by sending out an alarm when a visitor is found not to be wearing a mask.

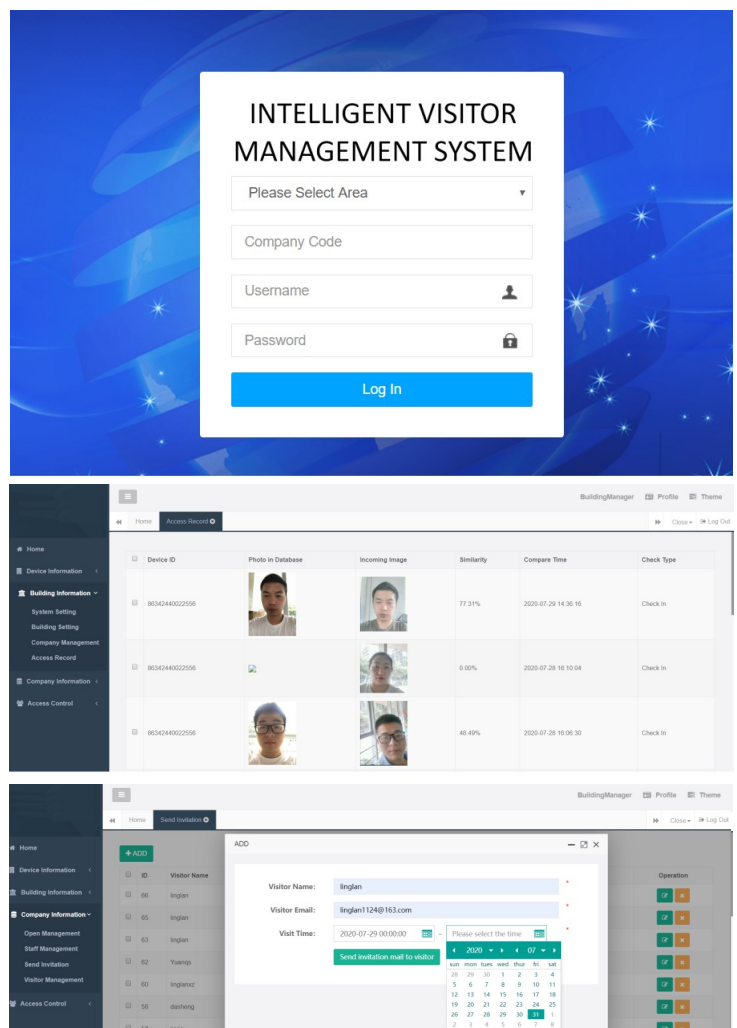
Our solution is designed to be contactless to minimise the risks of infection from touch interactions. There is also the benefit of clearing zonal checkpoints hands-free – just by using facial recognition technology.

Intelligent Visitor Management System (IVMS) is integrated with Facial Recognition Thermal Scanner to do the remote management such as devices management, visitors management and all the scanned information from devices will upload to the system for the record.

Facial Recognition Thermal Scanner to be configured in the system to do the remote management and group of devices can be controlled by single system.

All visit records will be shown in the system as long as the person is scanned by the Facial Recognition Thermal Scanner.

System administrator to invite visitor for the advanced registration to avoid any waiting time outside the company and visitor just need to scan the face by the devices and walks in. IVMS has local storage for 50,000 registered users (Staff and Visitor) to be stored in the database of the server.



PRODUCT FEATURES

Contactless Multi-racial facial recognition even with a face mask on

Liveness Detection

Mask Detection

Contactless temperature scans and alerts with up to 99% accuracy

Indoor and outdoor use

Display of SafeEntry QR Code

Integration with Access System

Data exportable and API-friendly



TECHNICAL SPECIFICATIONS

Display Panel	8-inch high resolution of 800*1280, high brightness of 500cd/m2
Camera	Built-in wide dynamic range, wide angle dual-camera for enhanced 3D facial recognition technique with liveness detection Built-in Human Body Infrared Induction sensor can turn on fill light to start facial recognition when operating in dark environment
Facial Recognition	Speed of < 0.3sec High accuracy rate of > 99%
Temperature Detection	Infrared Thermal Imaging Detection distance of 0.3m - 0.7mm, maximum distance of 1m Detection accuracy of +/- 0.3°C
Alerts	No Mask Detection and High Temperature Voice Alert
Storage	Capable to store up to 50,000 facial records Capable to store up to 100,000 temperature records
Interface	Wiegand 26/34/66 interface to different access control systems such as door, turnstile, etc.
Network	TCP/IP connectivity: Wireless and RJ45 with PoE support
Installation mode	Wall Mount / Pole Mount / Desktop Stand