Intelligent FR Access Control System with an Integrated Thermal Temperature Monitoring Module

THE BEACON OF AI SOLUTIONS
2020

PENSEES 澎思

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- **COMPANY OVERVIEW**

  - **PRODUCT MODEL**
    - **Video**
      - **PRODUCT SPECIFICATION**

        - **PRODUCT CAPABILITES**

          - **APPLICATION**

            - **PRICING**

Smart City
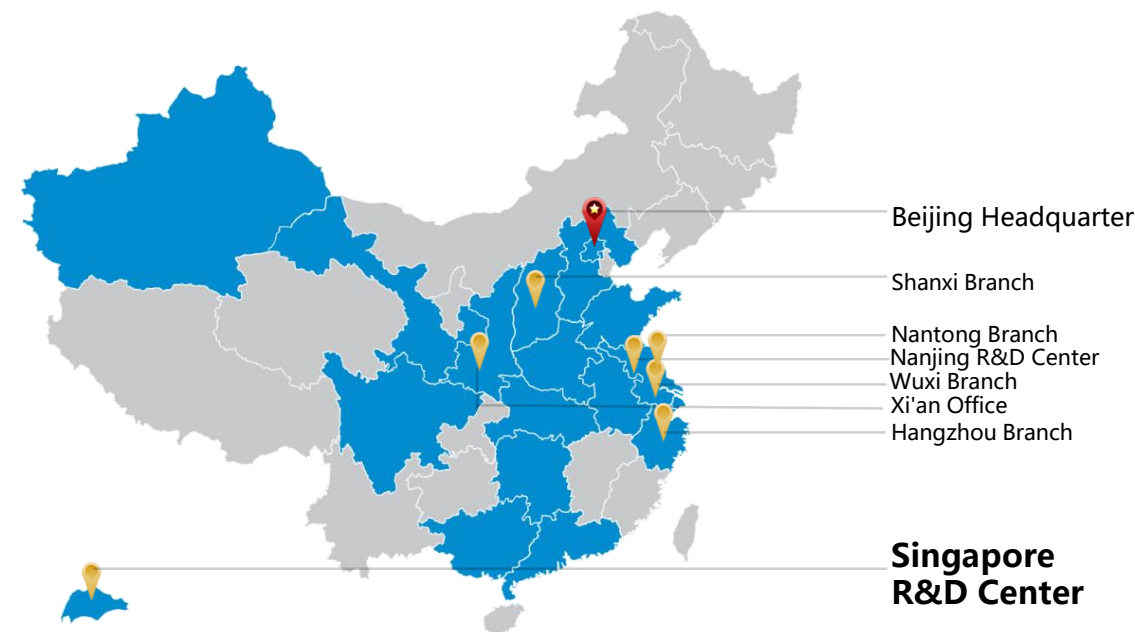
Intelligent Transport

Intelligent Community

Smart Park

Taking deep learning-based computer vision technology as a breakthrough point, Pensees has established deep roots in security and other vertical industries. It is committed to providing outstanding AI+IoT full-industry chain technologies and software and hardware solutions in the fields of safe city, intelligent residential community, smart parks and others, as it pushes forward the industrialization of AI.

Since its establishment, Pensees has gained recognition from AI and security industries, awarded "2019 TOP 50 Leaders of China's AI Ind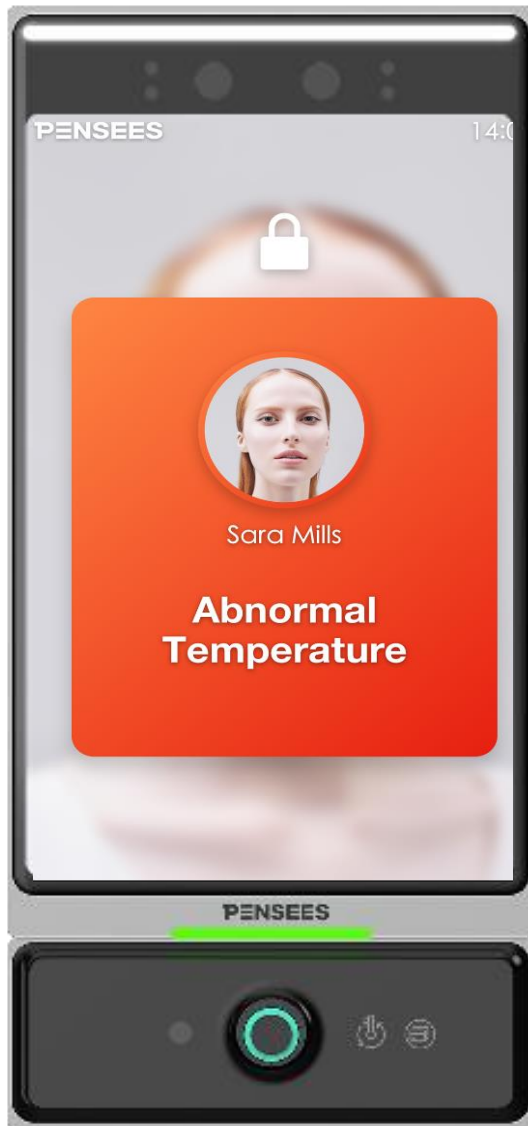ustry by QbitAI", "2019 China Rising Star by Deloitte China" "20 hottest artificial intelligence companies in the Asia-Pacific region in 2019 by CIO Advisor" and more.
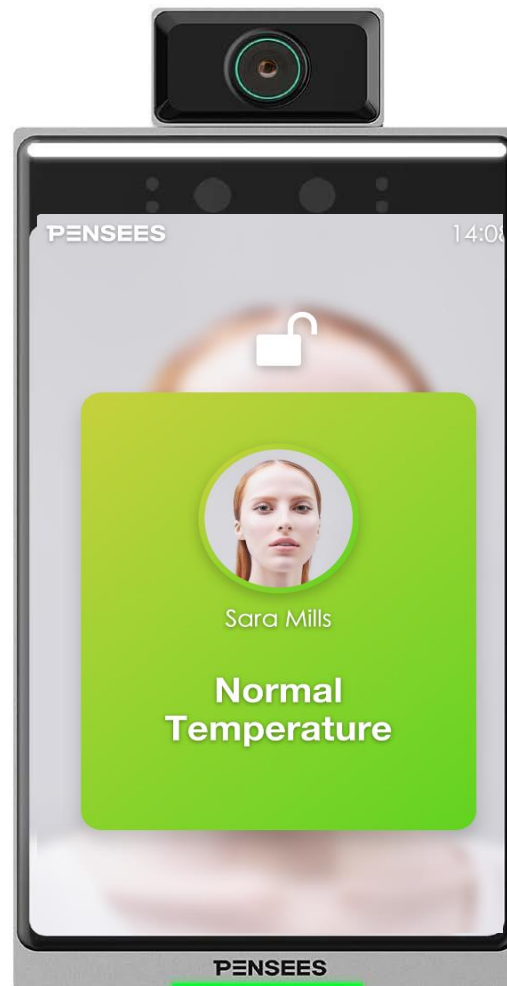
Beijing Headquarter

Shanxi Branch

Nantong Branch
Nanjing R&D Center
Wuxi Branch
Xi'an Office
Hangzhou Branch

Singapore R&D Center

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https://www.youtube.com/watch?v=_pioNsgUsU0
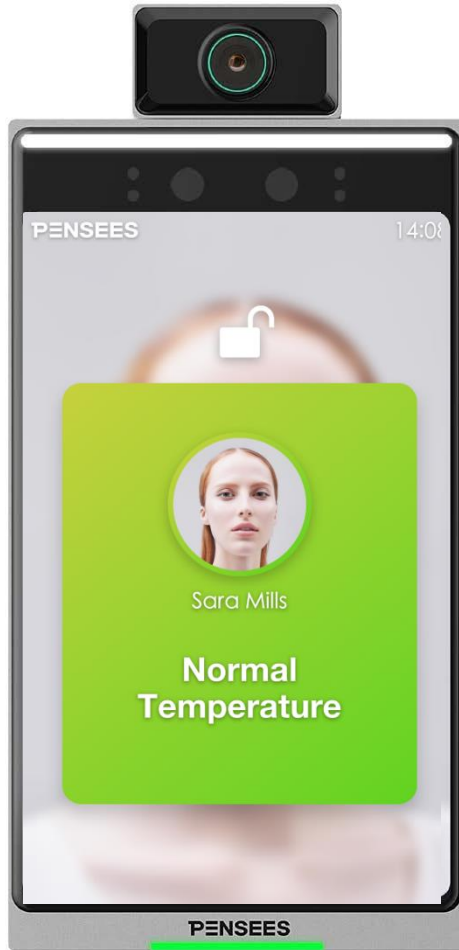
(Wrist temperature measurement)

(Forehead temperature measurement)

Intelligent Face Recognition Access Control System with an Integrated Thermal Temperature Monitoring Module

- When passing through the device, Face Recognition verification and Body Temperature measurement is performed.

- When the body temperature exceeds the threshold pre-set on the cloud system, an alarm is triggered in real time; at the same time, an alert is pushed through the cloud platform, waiting for the staff to follow up and confirm.

- GREEN→ Normal Temperature

- RED→ Abnormal Temperature

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Intelligent FR Access Control System with an Integrated Thermal Temperature Monitoring Module

Specifications

- Storage: 8 GB, with maximum expansion of **128 GB**

- Main screen: 8-inch touch screen, resolution of **800*1280**

- HDD: SSD-1TB, M2 interface

- Optical camera: pixels of **2 million**, resolution of **1920*1080**

- Infrared camera: Yes

- Supplement light: infrared/white light

- 4G/Wi-Fi: es, 2.4GHz, IEEE802.11 a/b/g/n

- Temperature measurement: Yes

- Measurement range: **28°C-46°C**

- Measurement accuracy: **±0.3°C**

- Measurement time: **≤ 0.5 s**

- Installation: flat back panel, open mounted, metal door, 86-type box, turnstile column and more

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Liveness detection

Deep learning-based liveness detection algorithms which can distinguish real faces from photos, models, etc. without specific actions performed by people are adopted to effectively prevent illegal intrusion
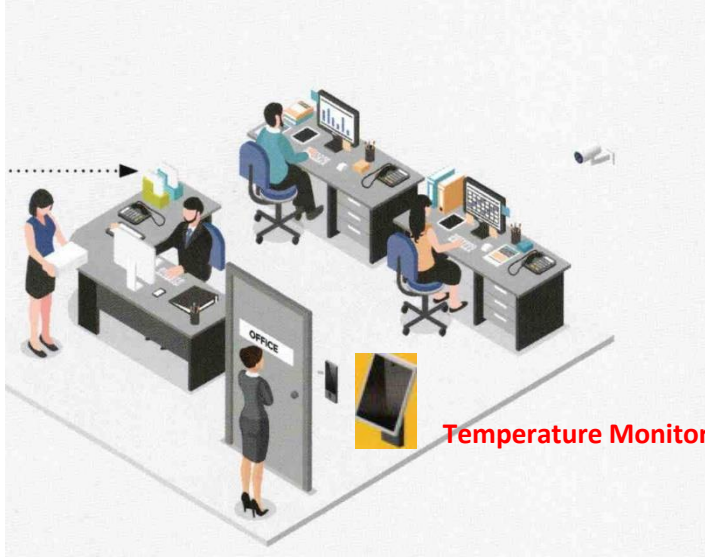

Epidemic control

If a person passes double verification of face recognition and temperature measurement, access control/turnstile linked with the device will be open. If the temperature measured exceeds the threshold set by the system, the device will trigger real-time local alerts; meanwhile, notifications will be sent through the cloud platform for persons in charge to follow up. This helps prevent and control epidemic.

Pre-Visitor Registration

The system supports visitor management functions such as visitor registration and visitor review, and information registration including name, telephone number, identity number, date of visit.

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Office Area

- Door Access Control
- Time Attendance
- Temperature Monitoring
- Facial Recognition
- Pre-Visitor Registration

Temperature Monitoring Device
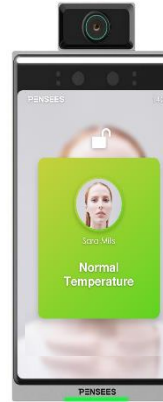
Exceed 37.5 Degrees

Block Entry

Below 37.5 Degrees

Allow Entry

Temperature Monitoring Device

- Daily Temperature measured
- Data Stored
- Contactless
- Safety Control measures

Main Lobby

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**Package A
(1 Device)**

**Package B
(2 Devices)**

**Package C
(3 Devices)**

**Package D
(2 Devices c/w Safe Entry)**

Before the Grant = S$ 2,900

After TNG Grant = S$ 580

Before the Grant = S$ 4,800

After TNG Grant = S$ 960

Before the Grant = S$ 6,700

After TNG Grant = S$ 2,700

Before the Grant = S$ 5,000

After the TNG Grant = S$ 1,000

- Purchase/Lease/Hire Purchase/Subscription cost of pre-scoped solutions.
- 12 months maximum funding duration for Hire Purchase/Leasing/Subscription
- 1st year maintenance for purchase model (where applicable)
- User training Provided
- Delivery, freight, shipping & other transport charges
- Administrative fees/charges
- Set-up cost including charges for assembly and dismantling
- The above pricing exclude Goods and Services Tax (GST).

THANK YOU!

Pensees Systems Pte. Ltd.

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For more information about Tech-and-GO!, please visit: https://go.gov.sg/tng or contact Pumpkin_Squad@ncss.gov.sg