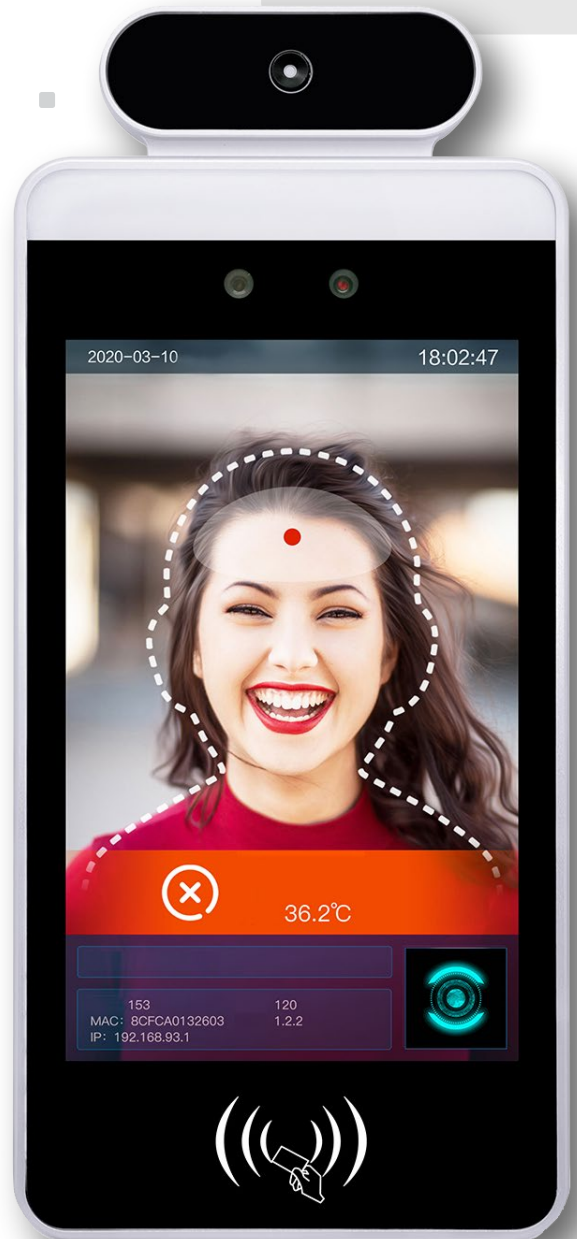# FeverMat

This access control terminal uses the latest algorithm for face recognition with a mask and senses body temperature using an infrared array projection. Complete inspection is done in seconds, without physical contact with high accuracy and in privacy.

The system is suitable for use in office buildings, factories, schools and other places accessible to general public to prevent a spread of diseases.

General Description:

- Body temperature detection distance 0.5-1m
- Camera focusing range 50 to 150 cm
- Temperature measurement accuracy is ±0.5℃
- Fast recognition speed, complete detection is done in seconds
- Optionaly IC/ID card reader
- Support for external card readers, fingerprint readers and barcode readers
- Control of access gates and other peripherals
- Attendance temperature measurement data exported in real time
- Smart Pass Management sw for remote managing of all terminals on a network
- Can be used as attendance system with access control management
- Offline storage up to 100,000 face photos and recognition records
- Support offline LAN device deployment and online HTTP transmission cloud deployment
- Screen display content configuration, custom company name
- User database – up to 30.000 registered users

Waterproof explosion-proof

Mask detection recognizes faces

8inch LCD Screen

Measuring body temperature

Ten thousand face database

Accurate fast

FeverMat

Hardware Description:

- Android OS
- CPU Quad-core Cortex-A17 RK 3288 (option Six-core, Eight-core)
- Storage EMMC 8GB
- 8inch display resolution 800×1280
- Network Ethernet and WiFi
- Camera 2Mpix, 1920x1080; Automatic white balance and backlight optimalization
- Thermal imaging temperature detection module supporting 32x32 array, 30°x30° perspective; temperature range 30°-45℃; 0,5m distance, +/-0,5℃ accuracy
- Operating temperature 0 to +40℃
- 10 to 90% Humidity non-condensationg
- Power 12VDC; 3A
- Dimensions 274 x 128 x25 mm (296 x 132 with IDcard/ICcard)
- Weight 0,5kg