

FACE RECOGNITION BASED TEMPERATURE MEASUREMENT SYSTEM

VV-BS852FR-THCAT5

LONG RANGE FACE RECOGNITION + FINGERPRINT TEMPERATURE DETECTION TIME
ATTENDANCE SYSTEM



FEATURES

- AI based contactless time & attendance biometric access control system
- Detection distance up to 1.0 meter supported
- Restricts entry of individuals with high temperature
- Temperature detection range from 30cm to 60cm with accuracy of ± 0.3 °C
- User face capacity of 5,000 face templates & RFID cards supported
- 5"HD 720x1280 capacitive touch screen
- Alarm notification through voice prompt & software alert
- Efficient preliminary screening solution to control epidemic fever



5" Color
LCD Display



Long Range
Face Recognition



Touch Screen



Live Face
Detection



TCP/IP

PARAMETERS/SPECIFICATIONS:

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Hardware & Platform	CPU	Dual-core, 1.2G
	OS	LINUX 3.10
	Sensor	High precision infrared sensor
	Operation Mode	Offline/Online
	RAM	256M DDR3L
	Display	5" IPS Touch Screen, HD 720x1280
Operation Capacity	Face Templates	5,000 users (20,000 optional)
	Finger Capacity	5,000 users (20,000 optional)
	Card	10,000 users (20,000 optional)
	Transaction Capacity	500,000 logs
	Face Recognition Accuracy	99.70%
	LED	LED Double high power infrared light
Verification	FAR	< 0.001%
	FRR	<0.1%
	Verification Time	< 0.3s
	Verification Mode	1:1; 1:N
	Authentication Modes	Dynamic Facial, PIN, Face & PIN Combination, Card
Operational Features	Verification Distance	8 feet
	Face Recognition Time	≤0.2S
	Voice Notification	Supported
	Real Time Clock	Supported
	Card Reader	Inbuilt 125 Khz EM card reader (Mifare reader optional)
	Languages	English
	Access Control Support	Door Relay Access control function with NO-NC support
	Exit Switch Support	Exit switch NO type support
	QR Code Scanner	Supported
	WDR	Supported, support accurate face recognition under strong light, dark light and backlight Support simultaneous recognition of up to 5 people, face tracking, face capture
	Alarm Output	Supported
	Smart Features	Support mask detection, visitor face recognition supported
	Communication	Ethernet
USB		USB 2.0x1, support U disk import/export data
WiFi		Supported (optional)
Wiegand		Supported
Push Data Technology		Supported
Cloud Technology		Supported
Power	Power Requirement	DC12V,2A
Environmental	Operation Temperature	-15°C - +45°C
	Operating Humidity	20% ~ 90%
	Dimension	156mmx155mmx25mm
Certifications	Certifications	CE, FCC, ROHS

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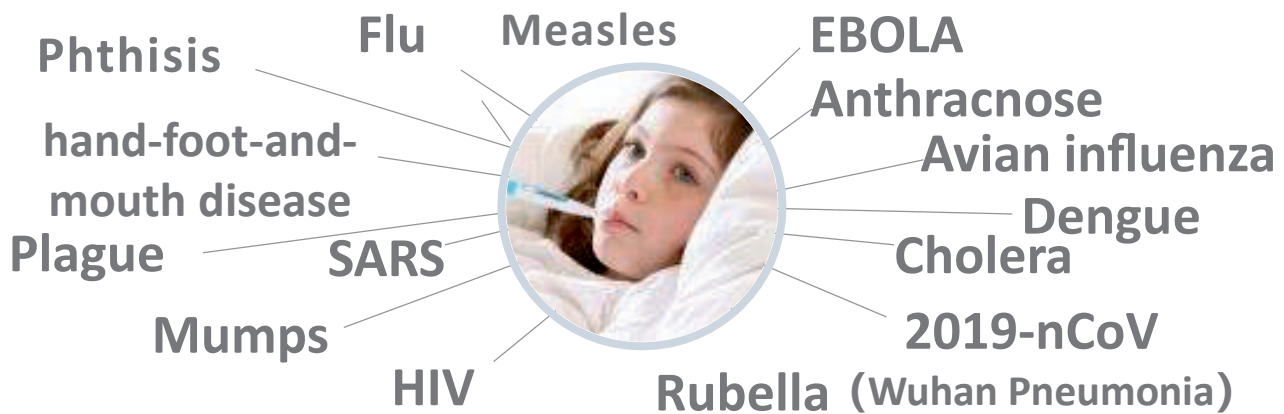
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(AN ISO 9001 : 2008, ISO 14001 : 2004 CERTIFIED COMPANY)

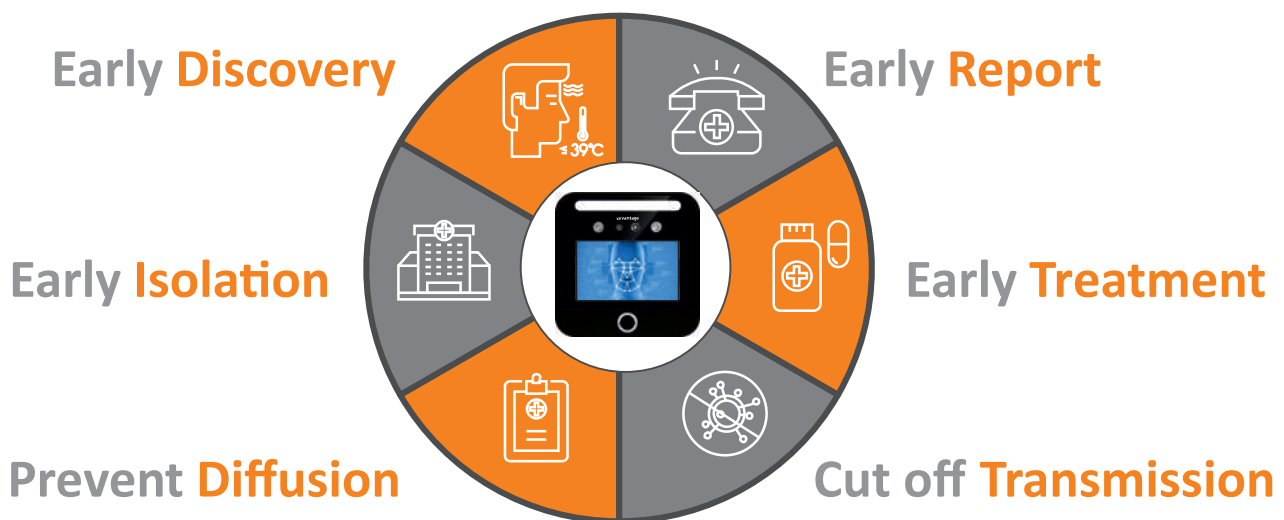


Fever is the typical symptom of pneumonic COVID-19 infection.

According to the statistics of clinical manifestations, 28 statutory infectious diseases out of 39, have fever symptoms in the early stage.



Body temperature measurement is an important means of epidemic prevention & control



Non-contact Access Control System

Reduces risk of spreading infection through physical contact



Quick Facial Verification

Successful recognition of registered users even with face masks on.

36.5°C Hello, Thomas
0012345678
Access Granted
16:53:41 06/19 Wednesday



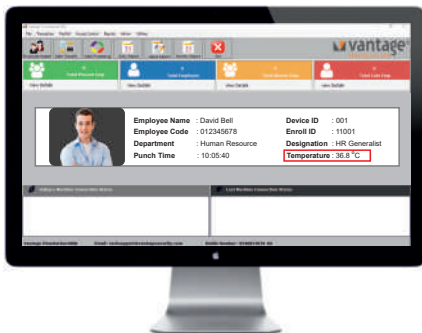
Access Denied at High Temperature

Restricts entry of individuals when fever is detected.

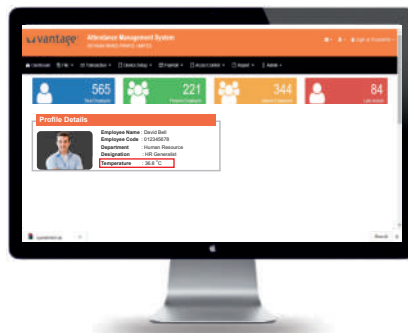
38.0°C Hello, Thomas
0012345678
Access Denied
10:53:41 06/23 Thursday

Software Application

Dashboard monitoring and generate time attendance report through desktop, web-based software.



Desktop Software



Web Based Software