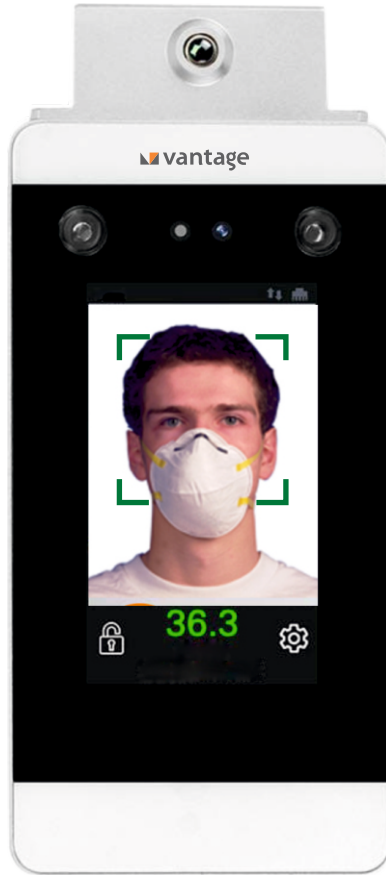**vantage**
keeping you safe

FACE RECOGNITION BASED
## TEMPERATURE MEASUREMENT SYSTEM

VV-BS477FR-CAR3
FACE RECOGNITION AND TEMPERATURE DETECTION TIME ATTENDANCE SYSTEM

vantage

36.3

FEATURES

AI based contactless time & attendance biometric access control system

Detection distance up to 0.5 meter supported

Restricts entry of individuals with high temperature

Temperature detection range from 35°C to 42°C with accuracy of ±0.3 °C

User capacity of 5,000 face templates & RFID cards supported

4.7" LCD display with IP54 rated metal enclosure

Alarm notification through voice prompt & software alert

Efficient preliminary screening solution to control epidemic

4.7" Color LCD Display	Access Control	Touch Screen	Face Recognition	WiFi

CE FC RoHS
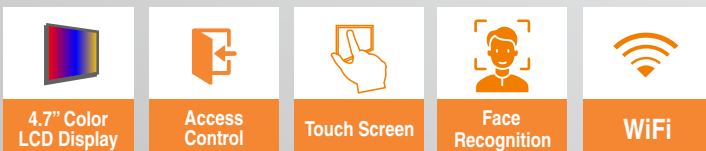
PARAMETERS/SPECIFICATIONS:

VV-BS477FR-CAR3

Hardware & Platform	CPU	Quad-core, 1.7G
	OS	LINUX
	Camera	2MP HD color camera
	Thermal Sensor	IR Array
	Operation Mode	Offline/Online
	Display	4.7" HD Touch Screen
Operation Capacity	Face Templates	5,000 user
	Card	5,000 users
	Transaction Capacity	200,000 logs
	Ambient light	0-50000Lux
Verification	FAR	< 0.001%
	FRR	<0.1%
	Verification Time	< 0.3s
	Algorithm	Advanced Smart algorithm V 15.0
	Verification Mode	1:1; 1:N
	Authentication Modes	Face, Card, Password
Temperature & Face Recognition Parameters	Temperature Measurement	Temperature detection range:35°C - 42°C Accuracy : ±0.3°C
	Detection Distance	0.5 mtr
	Recognition Speed	≤300ms
	Mask detection	Supported
	Body Temperature Alarm	Supported
Operational Features	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
Communication	Ethernet	TCP/IP 10/100 ethernet interface
	USB	USB (Host & Slave)
	WiFi	Optional
	Push Data Technology	Supported
	Cloud Technology	Supported
Power	Power requirement	DC12V
Environmental	Operation temperature	0°-35°C
	Operating Humidity	20% ~ 80%
Certifications	Certifications	CE, FCC, ROHS

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.

Phthisis

Flu

Measles

EBOLA

Anthracnose

Avian influenza

hand-foot-and-mouth disease

Dengue

Plague

SARS

Cholera

2019-nCoV

Mumps

Rubella (Wuhan Pneumonia)

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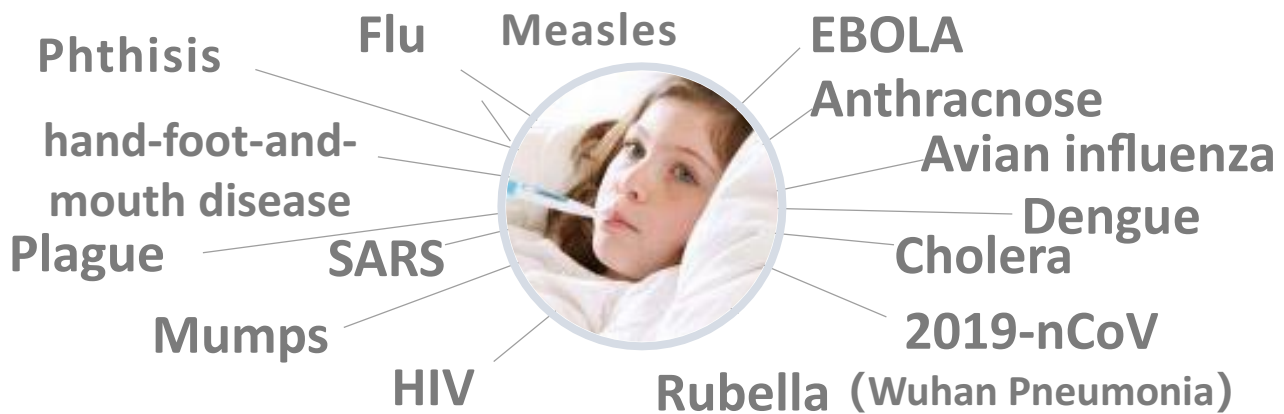
Body temperature measurement is an important means of epidemic prevention & control

Early **Discovery**

Early **Report**

Early **Isolation**

Early **Treatment**

Prevent **Diffusion**

Cut off **Transmission**

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
Access Granted

Hello,Thomas
0012345678
16:53:41 06/19 Wednesday

Access Denied at High Temperature

Restricts entry of individuals when fever is detected.

38.0°C
Access Denied

Hello,Thomas
0012345678
10:53:41 06/23 Thursday
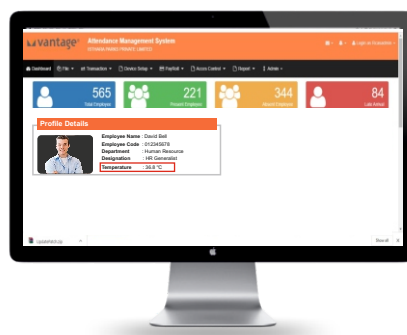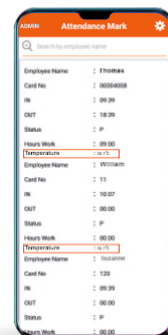
Software & Mobile Application

Dashboard monitoring and generate time attendance report through desktop, web-based software & mobile application.
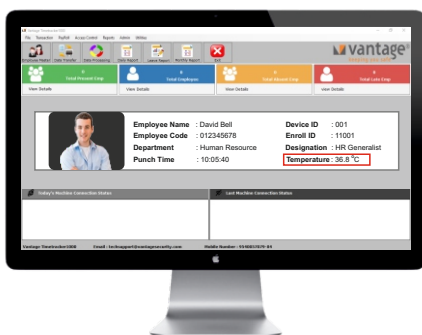
Desktop Software

Web Based Software

Mobile Application