

SENTRY

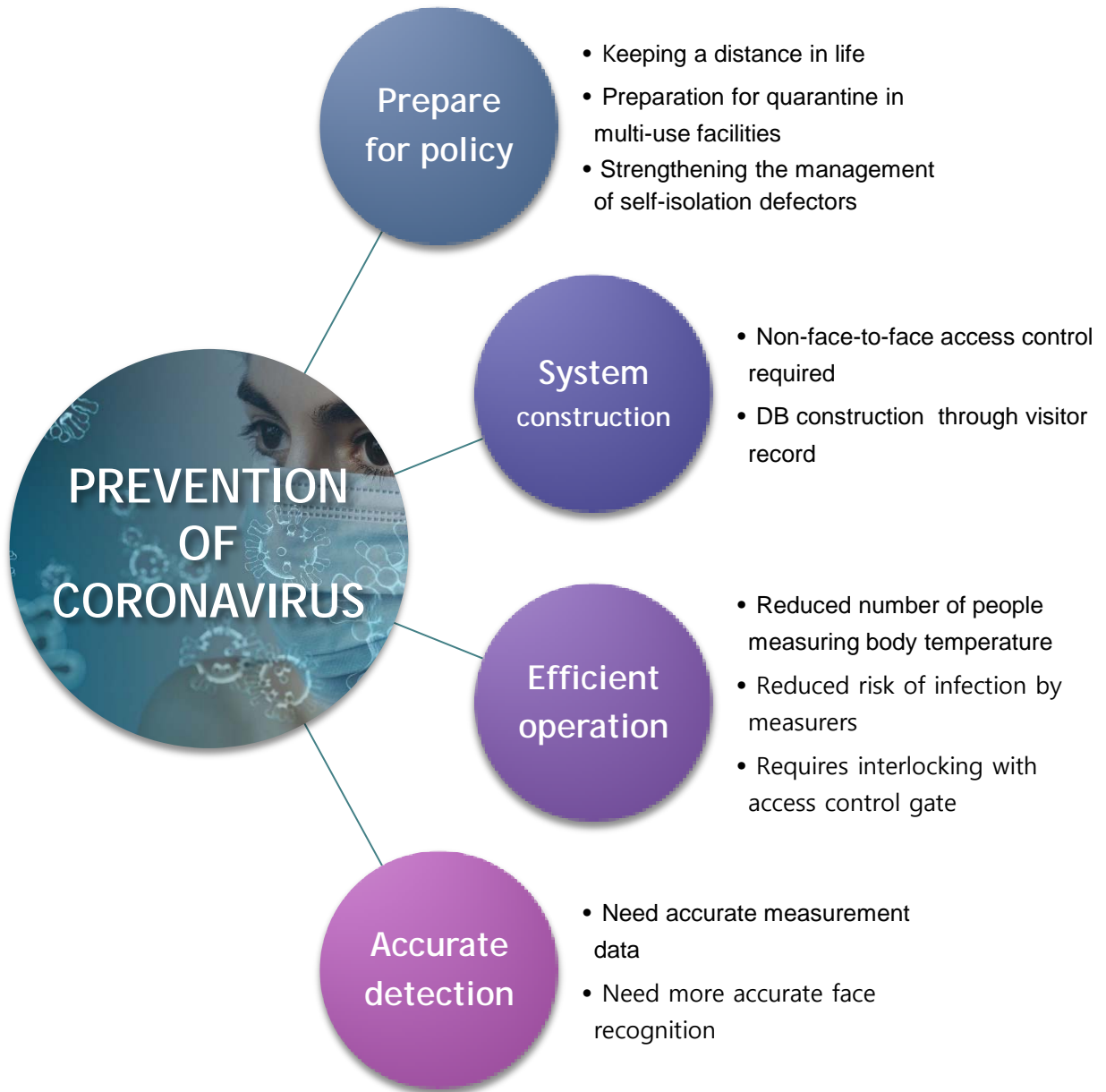
ACCESS CONTROL CAMERA

Face Recognition & Forehead Temperature Measurement

1. Non-contact automatic surface temperature measurement (accuracy $\pm 0.3^{\circ}\text{C}$)
2. Face recognition (supports 22400 face comparison libraries and 100,000 face recognition records)
3. Mask Detection (Identify Mask Wear)
4. Access Control Gate Interlinkable



1. System introduction background



2. Expected Effect



SAFETY

- Non-face-to-face/non-contact blocking of infection elements



RAPIDITY

- Faster recognition speed and faster line pass with multiple measurements



ACCURACY

- Reduced anxiety with more accurate face recognition and temperature measurement



ECONOMIC EFFICIENCY

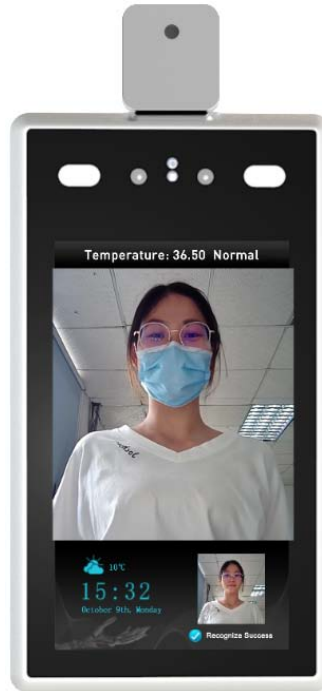
- System construction and management at low cost, reduction of resident personnel



EFFICIENCY

- Access control system and interface extension linkage

3. Features



Non-contact Face recognition & Forehead temperature measurement, fast and high efficiency.
(Response time: < 500ms)

Temperature measurement accuracy: ± 0.3 (°C)

Support binocular live detection, unique face recognition algorithm to identify faces accurately.

Support voice broadcast (Normal human body temperature or super high alarm, face recognition verification results).

10 languages optional, support customized language.

Adopt Linux operating system for better system stability.

Support SDK and HTTP protocols under multiple platforms such as Windows / Linux.

Support 22400 face comparison library and 100,000 face recognition records.

Support Wiegand input/output.

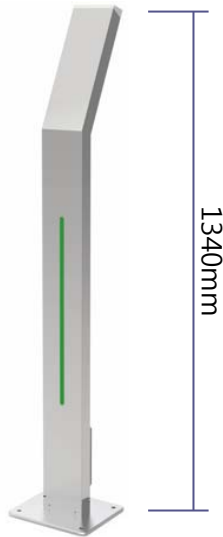
Can be connected to ID reader

4. Parts of a product



5. Installation type

A type



+ Wall Mount



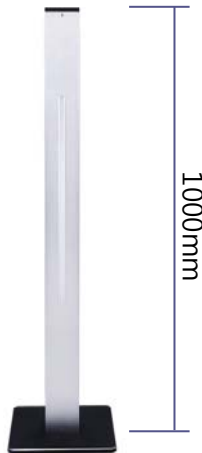
- It is a Pole stand type that matches the wall mount.
- Wall mounts can be installed separately

Application Example



Applicable to office entrances that require access control

B type



+ Pole Mount



- It is a pole stand type and matches a pole mount.
- Pole mount is convenient for multiple installations



Applicable to gates such as building entrance, subway, and airport that require access control

C type



- In a compact, desk-top size
- Easy to install.



Installs on buses that are used by many people to quickly determine whether they are hot or not.

6. Application example

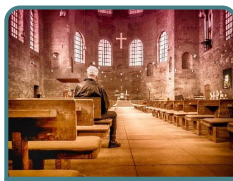


These are photos of Sentry Access Control Cameras installed at the entrances of hair shops, churches and construction sites.

“ When applied to a place where a large number of unspecified personnel come and go, infection prevention and access control effects can be expected. ”



Public institutions



Religious facilities



Building entrance



Large restaurant



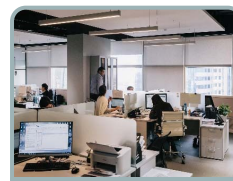
Department store



Educational facilities



Hospital



Office

7-1. Specification

Description	Bi-Spectrum camera supports live detection, face recognition, temperature measurement, no WiFi
Camera (Visible Light)	
ISP	Hi3516DV300
Image sensor	Sony IMX327
Effective pixels	2Mp (1920*1080)
Lens	4.5mm
Min. lux	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2
SNR	≥50db(AGC OFF)
WDR	≥80db
Thermal Camera	
Thermopile Sensor	Melexis (Belgium)
Temperature system	Celsius or Fahrenheit optional
Temperature Range	30~45 (°C)
Accuracy	±0.3 (°C)
Best Measurement Distance	0.5M
Response time	< 500ms
Fever Alarm	Support Fever Alarm (Threshold adjustable)
Face Recognition	
Height	1.2-2.2 M, angle adjustable
Distance	0.5-2 Meters
View angle	Vertical 60°/Horizontal 40°
Recording Speed	< 500ms
Recording Mode	Face Recognition/ Face recognition+Mask / Face recognition+Temperature measurement / Temperature measurement / Mask alert/ Face recognition+Mask+Temperature measurement etc.
Face Library	Up to 22400 faces database
Face recognition & Temperature records	Up to 100000 records
System	Linux operation system
ROM	16G EMMC

7-2. Specification

Display	
Monitor	7inch TFT
Monitor resolution	600*1024
Display	16:9
Audio output	2 Speakers (8Ω/1W)
Voice Broadcast	Face recognition result/ Temperature normal or unnormal/ Mask alert
Language	Chinese/English/Spanish/French/Germany /Italian/Russia/ Portugese/Japanese/Korean
Interface	
Network interface	RJ45 10M/100M Ethernet
Weigand port	Support Weigand input/output (26 and 34 bit)
Alarm output	1channel relay output
USB port	1USB port (Can be connected to ID reader)
General	
Power input	DC 12V/2A
Power consumption	24W(MAX)
Working temperature	+10°C ~ +35°C
Dimension	123.5(W) * 45.5(H) *266(L)mm
Weight	1.4 kg