Ai Face Recognition & Temperature Measuring Device

Contactless Access Control with Fever Detecion
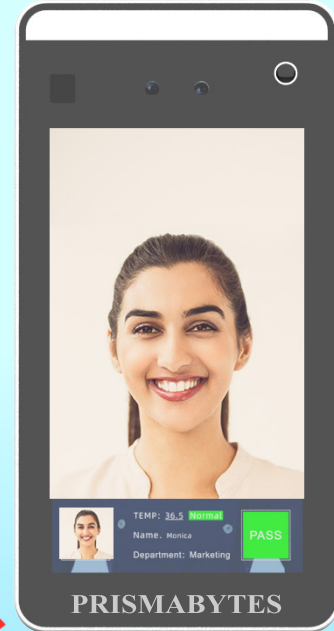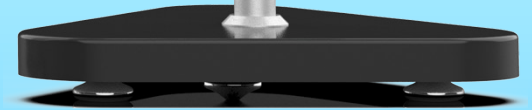
PB02-GY-W

- Advanced Facial Recognition
- Mask Detection - Ai based
- Standalone Access Control
- Made of Aerospace Aluminum - Rugged
- 2MP - Ai HD Camera
- 0.3 deg Temperature Accuracy
- Easy to set up
- Various types of mounting methods
- Less then 200ms FR speed!
- Ai Supports various mask recognition
- IP 66 Rated design -20 to +60 deg
- Voice broadcast - Various alarms
- PC Software and Mobile App
- API & SDK for partners
- 7 inch IPS HD LCD screen

TEMP: 36.5 Normal
Name: Monica
Department: Marketing
PASS

PRISMABYTES

CE FC Certified

Non-Contact Temperature Detection

0.5-1.3M Temperature Detection Distance
0.75M Optimum Temperature Detection Distance

36.5°C
Temperature is normal

Temperature Detection

Temperature Detection Distance 0.5-1.3m

Face Recognition

Face Recognition Spee ≈200 ms

Fever Warning Mask Detection

Recognition Accuracy ± 0.3 ℃

Data Query

Face database 30,000pcs

FREE ONLINE TRAINING UNLIMITED ONLINE SUPPORT

Fight Against COVID-19
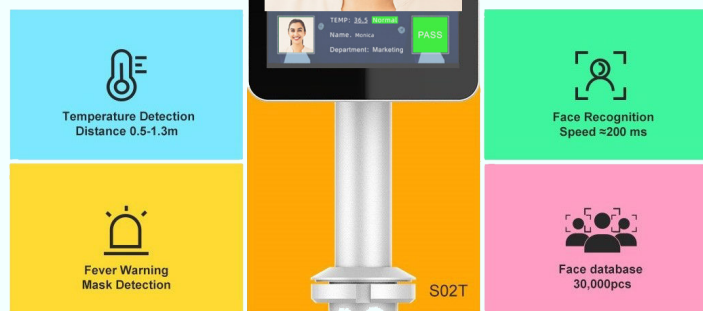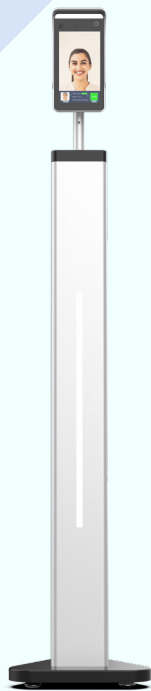
Specifications

Model No : PB02-GY-W

Main Processor	MX3520
Operating System	Embedded LINUX
RAM	DDR3 512MB
ROM	EMMC 8GB

SCREEN	
Dimensions	7 inch IPS HD LCD screen
Resolution	736*1280

CAMERA	
Type	2MP night vision living detection camera
Sensor	1/5" GC2145
Resolution	NIR 800*600 15fps
Lens	2.4mm

CAMERA	
Lens	2.4mm
Sensor	1/2.8" SONY Starvis Back illuminated CMOS sensor IMX307
Resolution	Color 1920*1080 30fps
Lens	4.5mm

BODY TEMPERATURE DETECTION	
Measuring site	Forehead
Temperature range	36-42° C
Temperature measuring distance	0.5-lm, 0.75m is the best
Temperature measurement accuracy	± 0.3° C
Temperature measurement response	Face library people: 1.5-2s, Strangers: 2.5-3s

FACE RECOGNITION	
Detection Type	Support living detection, Mask detection
Face recognition distance	0.5-2.2m
Recognize face size	/

Face database capacity	Max support 30.000 faces
Face Posture	(Daytime) vertical viewing 58°-60°. horizontal viewing 35°; (Living body) vertical viewing 48°-50°, horizontal viewing 36°
Occlusion	Ordinary glasses and short sea retention have no effect on recognition
Expression	Under normal circumstances, slight expressions do not affect recognition
Response Speed	About 200ms
Face exposure	Support
Face exposure	Support
Local Storage	Support storage of 25.000 records
Recognition area	Full image recognition
Upload Method	TCP. HTTP. MQTT

NETWORK FUNCTIONS	
Network protocol	IPv4. TCP/IP.HTTP
Interface protocol	/
Security Mode	Authorized username and password
Event linkage	Voice broadcast. Abnormal event upload to the platform
System Upgrade	Support remote upgrade

ACCESSORIES	
Supplementary light	IR light. LED white light
Identification Module	/
Audio out	Built in Speaker support voice broadcast after successful recognition
Network Module	/

INTERFACE	
Network Interface	RJ45 10M/100M Network Adaptation
Alarm Input	/
Alarm Output	1 Channel relay output (NC or NO)
RS232 interface	Support
RS485 interface	Support
TF card slot	/
HDMI	/
Audio	Support
Reset key	Support
Anti-disassembly switch	/

GENERAL	
Housing	Metal body and braket, Plastic screen, IP66
Operating Temperature	-20 ° C ~ 60 ° C
Working humidity	10% -90% Non-condensing
Storage Temperature	-40 ° C - 70 ° C
Storage humidity	5% -95% Non-condensing
Protection Level	/
Power Supply	DC12V
Power dissipation (maximum)	s 12 W
Dimensions (mm)	219 (W) * 111 (H) * 21.5 (T)
Bracket size (mm)	cp25*189
Installation Method	Desktop / Floor / Wall

AI Face Recognition Temperature Measuring Device

Temperature Detection Distance 0.5-1.3m

Fever Warning Mask Detection

TEMP: 36.5 Normal
Name: Monica   PASS
Department: Marketing

S02T

Face Recognition Speed ≈200 ms

Face database 30,000pcs

entrostore