Saint IT

Your Covid – 19
Secure Status Starts with
Saint IT – First Defence System

Smart Integrated Access System
Enhancing safety and sanitization with a better customer experience

1 Facial recognition of registered person
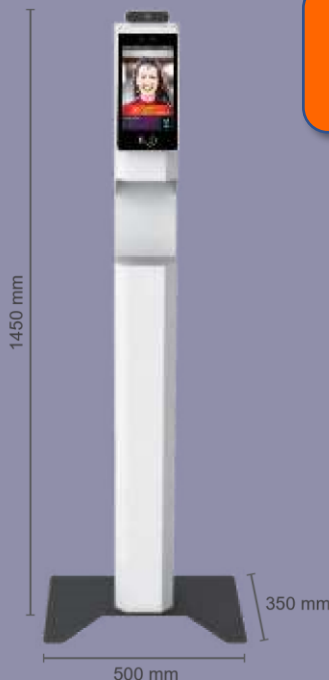
2 Disinfectant gel dispenser

DESCRIPTION
based on the following factors in an isolated or combined way:

- Mask recognition
- Access / registration through facial recognition
- Access / registration via NFC card
- Temperature

Triggering alone or in combination:

– Indicator light
– Auditory indicator
– Control of external mechanism such as barriers or sliding doors
– Access log
– Can be upgraded from "base" to "central managed" solution with remote management and usage analytics

Model A

Saint IT First Defence System is recommended for bank, business centres, concert halls, offices, schools, hotels, social venues, hospitals, care homes, transportation centres places of worship and other places of private service.

Model B

1450 mm
350 mm
500 mm

1200 mm
300 mm
300 mm

Model C

380 mm
300 mm
300 mm

Technical Specs

CAMERA

RESOLUTION
2 million pixels
TYPE
Binocular wide dynamic camera
APERTURE
F2.4
FOCUSING DISTANCE
50 – 150 cm
WHITE BALANCE
auto
PHOTO FLOOD LIGHT
LED and IR dual photo flood light

SCREEN

SIZE
8.0 inch IPS LCD screen
RESOLUTION
800 x 1280
TOUCH
Not supported (optional support)

PROCESSOR

CPU
RK3288 quad-core (optional RK3399 six-core, MSM8953 eight-core)
STORAGE
EMMC 8G

INTERFACE

NETWORK MODULE
Ethernet and wireless (WIFI)
AUDIO
2.5W / 4R speakers
USB
1 USB OTG, 1 USB HOST standard A port
SERIAL COMMUNICATION
1 RS232 serial port

INTERFACE

RELAY OUTPUT
1 door open signal output
WIEGAND
One Wiegand 26/34 output, one Wiegand 26/34 input
UPGRADE BUTTON
Support Uboot upgrade button
WIRED NETWORK
1 RJ45 Ethernet socket

FUNCTION

CREDID CARD READER
2 None (optional IC card reader, ID card)
FACE DETECTION
Supports detection and tracking of multiple people at the same time
FACE LIBRARY
Up to 30,000
1: N FACE RECOGNITION
Support
1: 1 FACE COMPARISON
Support
STRANGER DETECTION
Support
IDENTIFY DISTANCE CONFIGURATION
Support
UI INTERFACE CONFIGURATION
Support
UPGRADE REMOTELY
Support
INTERFACE
Interfaces include device management, personnel / photo management, record query, etc.
DEPLOYMENT METHOD
Support public cloud deployment, privatized deployment, LAN use, stand-alone use

INFRARED THERMAL IMAGING MODULE

TEMPERATURE DETECTION
Support
TEMPERATURE DETECTION DISTANCE
1 meter (optimal distance 0.5 meter)
TEMPERATURE MEASUREMENT ACCURACY
< +/- 0.5o C
TEMPERATURE MEASUREMENT RANGE
10o C ~ 42o C
THERMAL FIELD OF VIEW
32 x 32o C
VISITORS' TEMPERATURE IS NORMAL AND RELEASED DIRECTLY
Support
ABNORMAL TEMPERATURE ALARM
Support (temperature alarm value can be set)

GENERAL PARAMETERS

POWER
DC12V (+/- 10%)
OPERATING TEMPERATURE
0o C ~60o C
POWER CONSUMPTION
13.5W (Max)
INSTALLATION METHOD
Gate bracket installation
SIZE
Standard: 274.24*128*21.48 (mm)
IC card / ID card: 296.18*132.88*25 (mm)

PACKING LIST
Machine * 1, power adapter * 1, manual * 1, certificate of conformity *1.

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