

## SMARTZ-AI20 Live Face Recognition Device

Linux-Based Access control and Time & Attendance Terminal with Visible Light Facial recognition

### Features



5000  
Face  
Capacity



5000  
Password  
Capacity



0.5-2.5 Metres  
Recognition  
Distance



Live Face  
Detection



2.8 inch  
Touch Screen



Access Control



RFID Support



Photo Capture



Mask Detection



### Description

- <. Real Face Recognition
- <. Photo & Video not recognized.
- <. Multi-mode Access Identification.
  - ~ Face Recognition / RFID Card / Password
- <. Flexible Face Recognition Distance :0.5-2.5 meters.
- <. Verification Logs transfer to software in real-time.
- <. Artificial Intelligence : Double Engines CPU&NPU, Much Faster, Less False Reading.
- <. Exporting Attendance Report .
  - ~ Exporting report form PC software (Connecting by U disk , TCP/IP, Wifi).
  - ~ Web Based Cloud Software and Mobile App.
- <. Access Management.
  - ~ Remote Unlock : With Cloud Software/Mobile APP.
  - ~ Access Permission Assignment.
  - ~ Real Time Monitoring.



# Specification

Model	SMARTZ-AI20
Product Name	Dynamic Face Recognition Time Attendance Access Control Terminal
Screen	2.8 Inch Color Screen
Input Mode	Touch Keyboard
Operation System	LINUX 4.19
CPU,NPU	ARM Cortex-A7 800M , 800 G (0.8T)
RAM	256MB DDR3
ROM	EMMC Flash 4GB
Binocular Camera	2PM Color Camera + 2PM Infrared Camera
Live Detection	Dynamic Dual-Camera , anti-counterfeiting , to prevent all kinds of black-and-white, color photos and videos from deception.
Logs Capacity	500,000
Verification	Face recognition , Password , ID Card ( IC Card optional )
Face Capacity	5,000
Card Capacity	5,000
Password Capacity	5,000
Face Recognition Accuracy	99.70%
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on )
Prevent Photo	Dual camera anti-counterfeiting , prevent recognition with photo/video.
Principle of Identification	Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking and recognition .
WDR	Wide dynamic range , support accurate face recognition under strong light , dark light and backlight.
USB	USB2.0 x 1 , Support U Disk Import/ Export Data
Power Supply	DC12V 2A
Network Communication	TCP/IP , USB type-A , WIFI
Free Attendance Software	Local Software and web based cloud software
Access Control Function	Lock Output Doorbell Output/External Ring Wiegand Input / Output
Environmental Adaptability	Working temperature : 0 degree ~+ 45 degree C, Working humidity : 20% ~ 90% Dark Environment : LEDSoft light automatic fill light ( Automatic Control According to ambient light )
Multi-language	Support 20 National languages and voices including English, Spanish , Arabic , Thai , Farsi , Portuguese , French , Italian , Japanese , Korean , etc.

## Applications



Education

Marts

Government

Health

Banks

Exports

Office

Factory

Disclaimer: Brief specifications are mentioned here. Specifications may change without prior notice. Customers are advised to check with us before purchase. Actual product may differ slightly to that depicted for ongoing product development.

9779340082/8699467082

Mail ID: smartsecureit@gmail.com