

Visible Light Dynamic Face Recognition with Mask & Temperature Detector



Features

- Enhanced Visible Light Facial Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Touchless for better hygiene biometric authentication, temperature detection and masked individual identification
- Body temperature detection with distance 30~50cm(1~1.64ft), Measurement Range 34°C ~45°C and Accuracy $\pm 0.3^{\circ}\text{C}$
- Communication mode: TCP/IP, RS232, RS485, Wiegand in/out and WIFI
- Multiple Verification: Face / Palm / Fingerprint / Password
- Supplement light with adjustable brightness
- Professional web based software for access control and temperature management
- Face Recognition distance: 0.3-2 meter



Face
Verification



Fingerprint
Verification



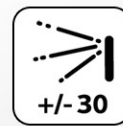
Temperature
Detection



Masks
Detection



Proactive Facial
Recognition

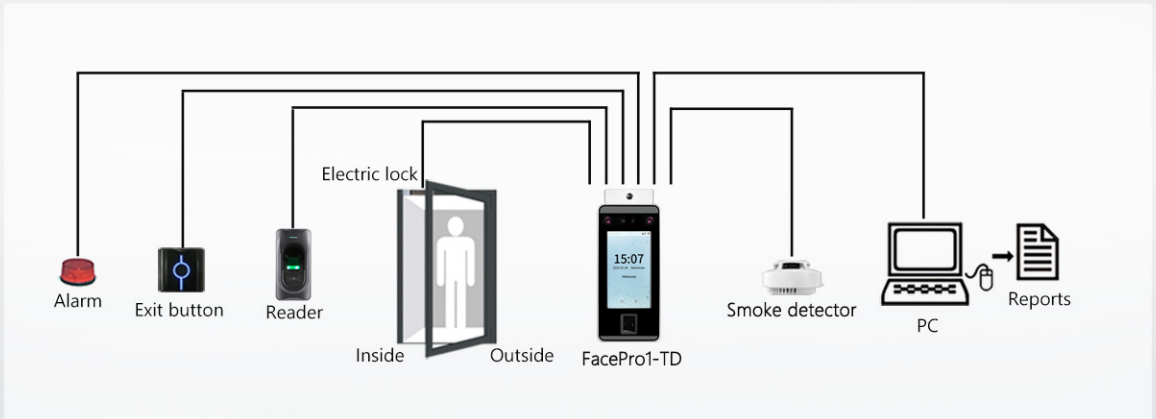


Wide Pose Angle
Acceptance



WiFi
communication

Working Application



Specification

Display	5-inch Touch Screen
Face Capacity	6,000(optional: 10000faces)
FingerPrint Capacity	6,000
Palm Capacity	3,000
Transactions	200,000
Communication	TCP / IP, WIFI, Wiegand input / output, RS485, RS232
Standard Functions	ADMS, T9 Input, DST, Schedule Bell, Camera, 9 Digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Mode
Hardware	Dual Core CPU, Memory 512MB RAM / 8G ROM 2MP WDR Low Light Camera, Adjustable Light Brightness LED
Operation System	Linux
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
Face Recongnition Speed	≤1s
Power Supply	Power Supply 12V/3A
Operating Humidity	Operating Humidity 10%-90%
Operating Temperature	Operating Temperature -10 °C~45 °C
Dimensios	Dimensios 91.93*220*22.5mm

Structure & Connection

