

SystemAid Caribbean Limited

Affordable Practical Solutions

Face & Palm Verification and Thermal Imaging Temperature Detection Terminal



SA-900

Features

- Non-contact body temperature detection Face Recognition system
- Better hygiene with touchless biometric authentication, temperature detection
- Thermal Imaging Temperature Detection, 0.1s high Speed detection, measurement distance of 30 – 120cm
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple Verification Methods: Face / Palm / Fingerprint / Password
- Temperature Measurement Distance: 30cm ~ 120cm (0.98ft~ 3.94ft)
- Temperature Measurement Accuracy: $\pm 0.3^{\circ}\text{C}$ ($\pm 0.54^{\circ}\text{F}$), tested in a distance of 80cm (2.63ft) under 25°C (77°F) environment
- Temperature Measurement Range: 20°C ~ 50°C (68°F ~ 122°F)



Face Verification



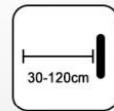
Temperature Detection



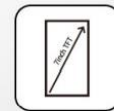
Masks Detection



Proactive Facial Recognition



Measurement Distance Up to 120cm



5-inch Touch Screen

91 OLD SOUTHERN MAIN ROAD, EDINBURGH VILLAGE, CHAGUANAS

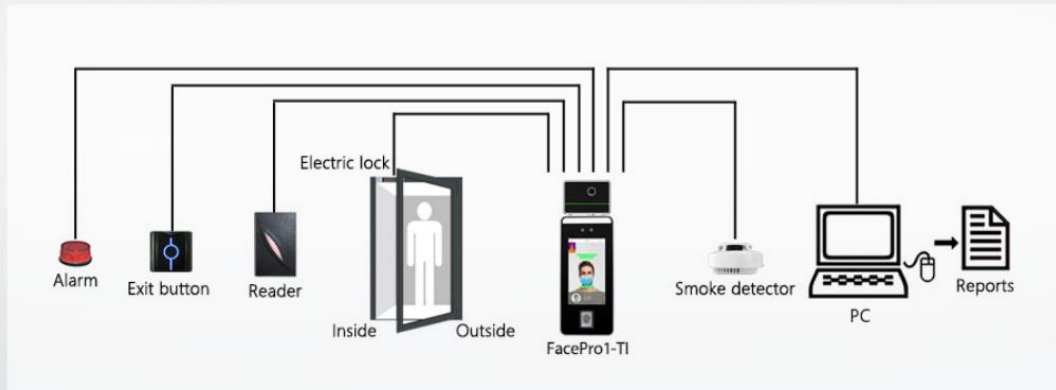
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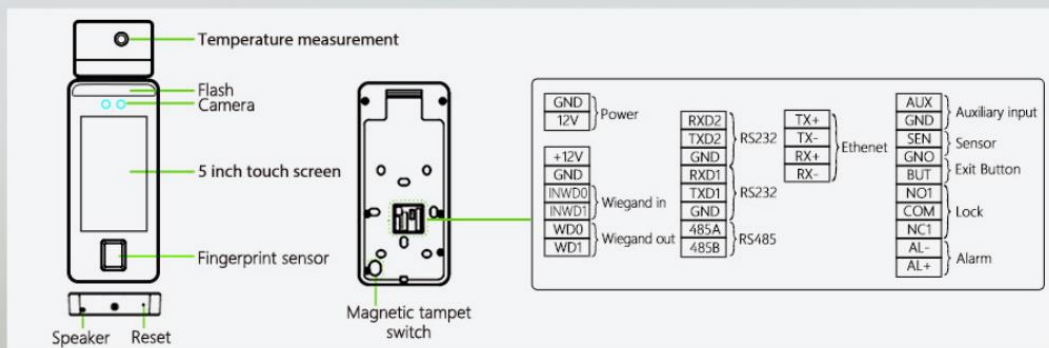
Working Application



Specification

Operation System	Linux
Display	5-inch Touch Screen
Face Capacity	6,000
Palm Capacity	3,000
Fingerprint Capacity	6,000 (Standard); 10,000 (Optional)
Transactions	200,000
Standard Functions	ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Antipassback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.
Hardware	900MHz Dual Core CPU, Memory 512MB RAM / 8G Flash, 2MP WDR Low Light Camera, Adjustable Light Brightness LED
Communication	TCP/IP, WiFi (Optional), Wiegand input / output, RS485
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
Facial Recognition Speed	≤1s
Power Supply	12V 3A
Operating Humidi	10% - 90%
Operating Temperature	16°C ~ 35°C (60.8°F ~ 95.0°F)
Dimensions (W*H*D)	92.0 * 262 * 23.5 mm

Structure & Connection



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