Face Recognition, Temperature Monitoring & Access Control System

Avalon Face Recognition, Temperature Monitoring & Access Control System is designed to replace manual temperature screening process. The system captures and recognizes the human face even with a face mask, measures body temperature and controls the locking/unlocking/alarming for secure access.

Worldwide suitable solution for Banking, Educational Institutions, Hospitals and Clinics, Corporate Offices, Enterprises, MNC's, Factories, Hotels, Shopping Malls, Hypermarkets, High Rise Buildings, Home and residences etc…

Features and Benefits

- Unique face recognition algorithm to accurately recognize faces with real time Temperature Monitor.

- Scan Human temperature along with face recognition and access control using high precision thermal scanner.

- Automatically identify unmasked personnel and alert on real-time.

- Triggers voice reminder for usage of mask when detected without a mask.

- Register and record information, improve efficiency and encourages social distancing.

- Support binocular live detection and real time alerts upon high temperature

- Rich interface protocols, support SDK and HTTP protocols under multiple platforms such as Windows / Linux

- 7-inch IPS HD display with IP34 rated dust and water resistant

- Easily mounts on Wall / Stand for simple and quick installation.

- Preloaded Linux Operating System for stability and reliability

- vSupport 22,500 face comparison library with 100,000 face recognition records

- Support one Wiegand input or Wiegand output

- 1 Year Standard Warranty.

Technical Specifications

Model	AN-FRTMS-STD	AN-FRTMS-ADV
Camera Parameters		
Camera	Binocular camera supports live detection	
Effective pixel	2 Mega pixel, 1920*1080	
Min. lux	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2	
SNR	≥ 50db(AGC OFF)	
WDR	≥ 80db	
Face Recognition		
Height	1.2-2.2 M, angle adjustable	
Distance	0.5-2 Meters	
View angle	Vertical ±40 degree	
Reco. Time	< 500ms	
Temperature		
Range	30-45 (˚C)	
Accuracy	±0.3 (˚C)	
Distance	0.3-0.8 Mtr	
Response time	< 300ms	
Interface		
Internet interface	RJ45 10M/100M Ethernet	
Weigand Port	Support input/output 26 and 34	
Alarm output	1 channel relay output	
USB port	1 USB port (Can be connected to ID identifier）	
General		
Power input	DC 12V/3A	
Power consumption	20W (MAX)	
Working temperature	0˚C ～ +50˚C	
Humidity	5～90%, no condense	
Dimension	123.5 (W) * 45.5 (H) *266(L) mm	123.5 (W) * 84 (H) *361.3 (L)mm
Weight	1.9 kg	2.1 kg

Ordering Information

Part No.	Description
AN-FRTMS-STD	Avalon Face Recognition, Temperature Monitoring & Access Control System - Standard
AN-FRTMS-ADV	Avalon Face Recognition, Temperature Monitoring & Access Control System - Advanced