

# 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.



<b>Technical Specifications</b>		
<b>Model</b>	AN-FRTMS-STD	AN-FRTMS-ADV
<b>Camera Parameters</b>		
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	
<b>Face Recognition</b>		
Height	1.2-2.2 M, angle adjustable	
Distance	0.5-2 Meters	
View angle	Vertical ±40 degree	
Reco. Time	< 500ms	
<b>Temperature</b>		
Range	30-45 (°C)	
Accuracy	±0.3 (°C)	
Distance	0.3-0.8 Mtr	
Response time	< 300ms	
<b>Interface</b>		
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)	
<b>General</b>		
Power input	DC 12V/3A	
Power consumption	20W (MAX)	
Working temperature	0°C ~ +50°C	
Humidity	5~90%, no condense	
Dimension	123.5 (W) * 84 (H) *361.3 (L)mm	123.5 (W) * 45.5 (H) *266(L) mm
Weight	2.1 kg	1.9 kg

### Ordering Information

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