



# PassClear



Hospitals, Clinics  
and Health Centers

Sports Arenas and  
Musical Venues

Airports

Public Transport

Hotels

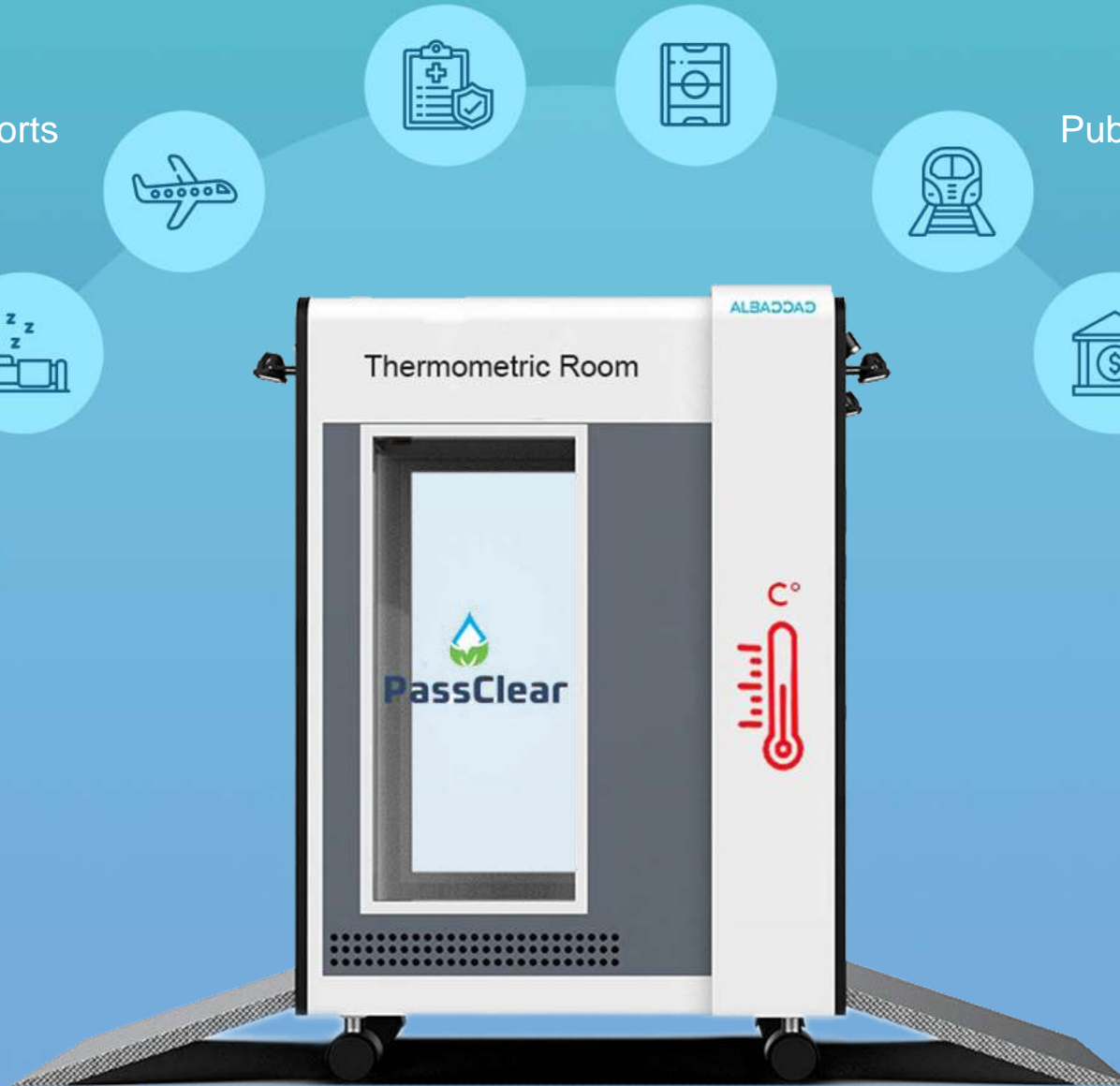
Banks

Malls

Factories,  
Constructions sites  
and Warehouses

Restaurants

Schools, Colleges  
and City Halls





# PassClear

## DIMENSIONS

Overall dimensions mm	: 74.8 (L) x 44.88(W) x 91.34 (H)
Internal Channel Size mm	: 74.8 (L) x 33.46(W) x 79.52 (H)
Package Size mm	: 80.7 (L) x 48.62(W) x 98.42 (H)

CONVENIENT

Portable

SECURE

Face recognition  
temperature detection

EFFICIENT

Fast transit with  
high sensitivity

# Product Introduction

PassClear is an all in one sanitation solution. It's integrated, intelligent and portable. The machine produces an FDA, EPA approved harmless "OSM" organic sanitization mist "fog like" that disinfects people, pets and any other objects that pass through. The machine accurately detects temperature and can quickly identify staff via facial recognition software. If an abnormal temperature is detected an alarm notification will be sent to the controller. PassClear can automatically sense objects entering and leaving the Room. OSM quantity and time can be adjusted and programmed to best suit your needs.



LCD Screen Visual Display



Modular & Branded Design



Fast Nebulization Disinfection



Face Mask Detection

Thermometric Room

  
PassClear



# Application Field

PassClear is suitable for schools, stadiums, hotels, office buildings, entertainment venues, warehouses and other crowded places where viruses can spread rampant. The machine can rapidly screen for fever and reduce the spread, keeping people healthy and lowering the risk of infection.

## Technical Parameter

- Temperature measuring distance:  $\leq 50\text{cm}$ .
- Temperature measuring range:  $0^{\circ}\text{C}\sim 50^{\circ}\text{C}$
- Minimum resolution:  $0.1\text{C}$
- Temperature measurement accuracy:  $0.3^{\circ}\text{C}$  (room temperature)
- Camera: Binocular Biopsy, 2 Million Wide Dynamic
- Display: 13-inch HD LCD with  $1920*1080$  resolution
- Recognition type: face recognition, body temperature detection
- External power supply: 110v-230V
- Power consumption: 500W
- Working environment:  $0^{\circ}\text{C}\sim 45^{\circ}\text{C}$  indoor (no sunlight interference)
- Net weight: 480KG – Gross weight : 588KG
- Overall dimensions: 1900(L) x1140(W) x2320(H) mm
- Internal Channel Size : 1900(L) x850(W) x2020(H) mm
- Package Size : 2050(L) x1235(W) x2500(H) mm

Thermometric Room

  
PassClear



# Equipment Composition

## Face Recognition Infrared Thermometer (Temperature Measurement Area):

- Built-in high precision calibration non-contact infrared human body temperature monitor.
- Support intelligent voice prompt and abnormal alarm for temperature measurement results.
- Support infrared sensing, automatic identification.
- Unshielded identification behavior is supported.
- Support to export personnel identification data, including temperature data.
- Support a variety of face recognition modes, support the import and export of data.

## Automatic induction hand sterilizer

- Independent key protection prevents accidental opening and effectively protects the service life.
- Independent battery power supply to prevent accidental leakage danger.
- Non-contact induction spraying is safe and sanitary and can effectively sterilize.

## Atomization disinfection room

- Semi-open crystal curtains are installed on both sides of the atomizing disinfection room.
- The equipment is equipped with a large-capacity liquid storage atomizing sterilizer.

Thermometric Room

  
PassClear





Specification		
Shape Structure	Overall Dimensions	1900(L) x1140(W) x2320(H) mm
Configuration Parameters	Master	Quad Core 1.8 Ghz RK3288
	System	Android 6.0
	Storage	2G LPDDR3 + 16GEMMC
	Touch Screen	8 "touch screen
	Wifi / BT	Optional
Temperature measurement parameters	Temperature Measurement Range	0°C -45°C
	Minimum Resolution	0.1°C
	Temperature Measurement Accuracy	±0.5°C (At Room Temperature)
	Detection Distance	0.3-0.4M
Camera Module	Camera	Two Million Dynamic HD Cameras
	Focal Length	3.2MM
	Fill Light	Smart white light
	Infrared Lamp	Support
Display	Liquid Crystal Size	8 "
	Resolution	800 x 1280
	Signal Interface	MIPI
External Interface	Usb Interface	2
	Relay Interface	1* Switch output 2 pin 3.8 spacing terminals
	Wiggins Interface	1* Wiegand output
	Door Magnetic Signals	1* Gate magnetic detection
	Power Interface	12V 3A
	Network Interface	Rj45 10M/100M adaptive mesh
	Integrated Fire	1* Fire linkage
Identify Parameters	Main Features	Support 20,000 face library, in living body infrared recognition, prosthesis attack detection
	Identify Time	Living body start ≤ 300ms
	Identify Distance	0.3-0.4M
	Recognition Rate	99.7%
Work Environment	Operating Temperature/ Humidity	0°C -45°C, Humidity < 80%
	Voltage	DC 12V
	Power Consumption	20W Max
	Application Scenarios	Indoor, and no sunlight interference
Functions	Management platform support Intranet, Internet deployment, local client management and MQTT*HTTP centralized management platform support server secondary development, support access to third-party platform, support interface customization and algorithm customization.	



# Our Manufacturing Partner

In its 40 years in the market, Albaddad MedTech has built more than 200 Semi-Permanent Field Hospitals, Clinics, and Primary Care Centers.

Currently, Albaddad MedTech is managing 30 projects of which 26 are completed.

Albaddad MedTech has installed more than 3,000 hospital beds. Our experience in the healthcare sector allows us to offer and install the following fully guaranteed wide range of specialized Healthcare equipment :

- Hospital beds
- Emergency Room beds
- Sanitation Rooms
- Anti Bacterial Flooring Systems
- Temperature Scanners•Medical Swab Counters





## HOW TO REACH US



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