



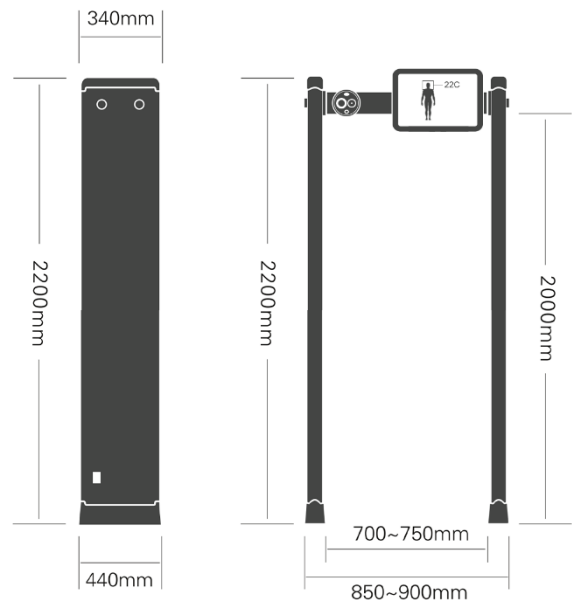
## PASSCHIP<sup>®</sup> Thermal Gate

The Thermal Gate system is used to filter and record people with abnormal temperatures. The scan is done in real time with high accuracy. It can be installed in schools, factories, airports, stations and other public institutions. Comes with an alarm system and strobe for readings that exceed the preset limit.

### Features

- Temperature scan
- Visual and audio alarm for abnormal temperatures
- Detectable temperature range between 30 ° C and 45 ° C, with an accuracy of  $\pm 0.5$  ° C
- Historical export of readings
- Temperature reading in less than 1 second
- Avoid congestion at temperature measuring points
- Avoiding human error
- Helps maintain a safe distance for the personnel while the reading is done

### Dimensions



## Technical Specifications

<b>Controller</b>	
Operating system	Linux
processor	1.2GHz quad-core
Memory	1GB LPDDR2
storage	8GB
Events History	30.000
<b>Thermal mode</b>	
Image sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Maximum resolution	160x120 (Rezoutie export 320x240)
Pixel interval	17 $\mu$ m
Waveband Answer	8 $\mu$ m to 14 $\mu$ m
NETD	< 40 Mk (25°C), F# = 1.1
Lens	6.2 mm
IFOV	2.74 mrad
Field Of View	25.0° × 18.7° (H × V)
Minimum Focus Distance	0.6 m
Aperature	F1.1
<b>Optical module</b>	
Maximum resolution	2688x1520
Image sensor	1/27" Progressive Scan CMOS
Minimum lighting	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)
Shutter speed	1s up to 1/100,000s
ETHYL	8 mm
FOV	39.42° × 22.14°(H × V)
Day / Night	IR Filter with auto-switch
<b>Intelligent Functions</b>	
Temperature range	30 °C <-> +45 °C
Accuracy	± 0.5°C
Protocol Server reporting	Web Interface
Export file type	.xlsx, .csv
Network security	WPA2
Compatible browser	Toate
<b>UPS</b>	
Nominal power	750VA
Active Power	525W