

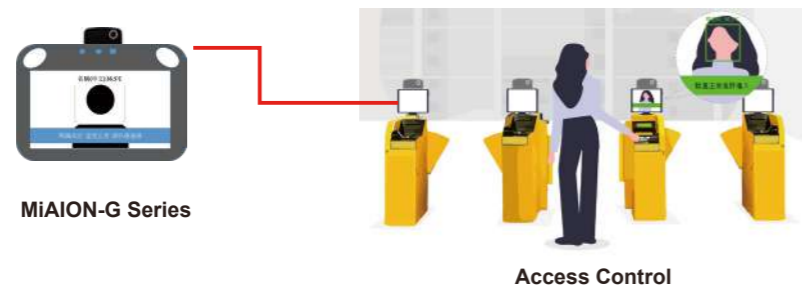
MiAION Edge Computing Solution

Best Solution of Smart Epidemic Prevention & Security Recognition

G Series

MiAION G Series Integrated with MiTAC Access Gate

G Series solutions can detect and identify video streams from various IP cameras to execute face recognition and temperature sensing in the applied area. Its built-in automatic correction & compensation mechanism can improve the accuracy of the result, limiting the temperature error to +/-0.5 degree and allowing the measuring range between -10°C ~ 50 °C. G-Series is suitable for most of the public places and buildings



Product Comparison

	MiAION GT1-161	MiAION GT1-162	MiAION GT2-801	MiAION GT2-802
Face Recognition	Back-End Matching	Front-End Matching	Back-End Matching	Front-End Matching
Processor	Intel Atom / A53	Intel core i5	Intel Atom / A53	Intel core i5
LCD Size	6.5"	16 x 16 Pixels	6.5"	6.5"
Camera	720P	720P	720P	720P
Detection distance	30 cm~ 50cm	30 cm~ 50cm	1.0 M ~ 2.0M	1.0 M ~ 2.0M
Output	Lan / RS232/ GPIO	Lan / RS232/ GPIO	Lan / RS232/ GPIO	Lan / RS232/ GPIO
Power	DC12V	DC12V	DC12V	DC12V
Suitable Area	<ul style="list-style-type: none"> ■ Low Flow ■ Commercial Building ■ Intranet 	<ul style="list-style-type: none"> ■ Low Flow ■ Commercial Building ■ Extranet 	<ul style="list-style-type: none"> ■ High Flow ■ Store / Station/Public Area ■ Intranet 	<ul style="list-style-type: none"> ■ High Flow ■ Store / Station/Public Area ■ Extranet

MiAION

Smart Epidemic Prevention & Security Recognition
Edge Computing Total Solution



We guard. We protect. We secure.

Feature

Security & Access Control

Live Face Detection

Advanced Technological Design

Temperature Measurement

Integrated System

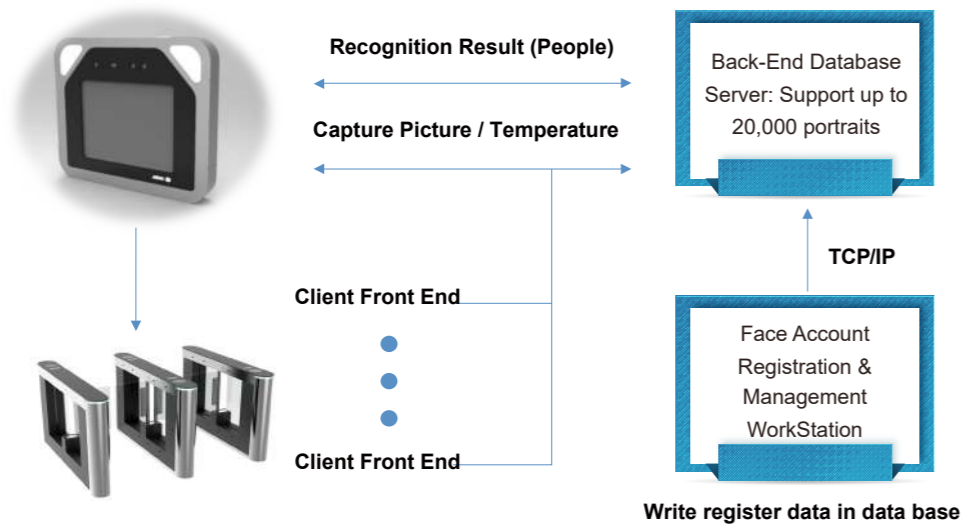
One-Stop Service

Standardized interface

Product Brief

MiAION GT Series is a 3-in-One total solution of face recognition, temperature sensing and access control. It can quickly and reliably complete a variety of face recognition application deployments on a single platform. It also has the flexibility to use a variety of FR / TS / AC features to interface with different units in applied scenarios across industries. MiAION GT can allow the authorized person whose temperature is below the preset temperature to enter the area. It also can record the personal ID, name and the measured temperature, and send them to the back-end database in real time. When the measured temperature is higher than preset one, MiAION GT will send out alarm notifications.

MiAION System Architecture Diagram



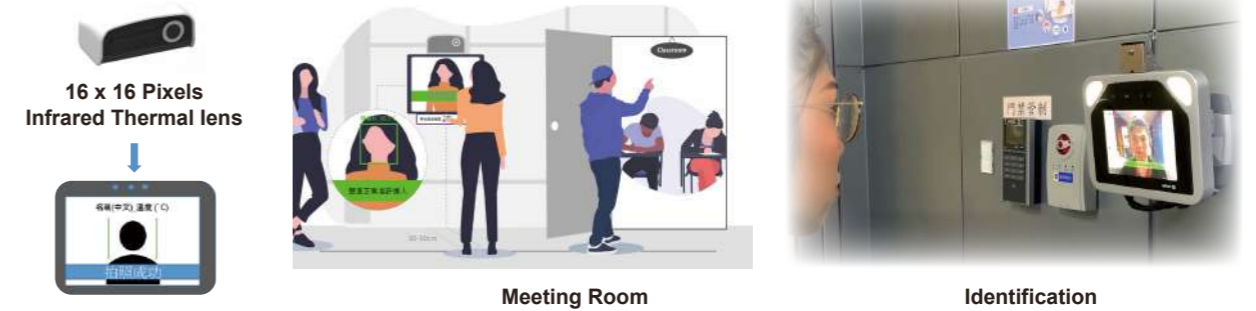
Specification

Processor	CPU	Intel Pentium N4200
	RAM	DDR3L 4GB
	Storage	mSATA 64GB
	GPIO	1 IN / 1 OUT
	RS232	RS-232 x 1
	I/O	USB 2.0
	Display	LCD Size
Resolution		640 x 480
Power	Type	DC12V
	Connector	DC Jack
3D Camera	Effective Distance	0.2-1.5M
	Pixel	720p
Installation	Type	Tripod / Wall hanger
Environment	Operational Temperature	-10 ~ 50° C

GT series

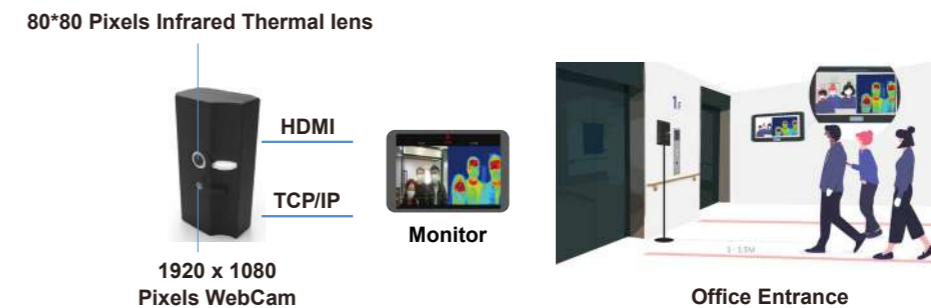
GT1 Short Distance Temperature Sensing

MiAION GT1 for Smart Building Access Control has 1:1 people identification & temperature measurement features. It can be connected with a door lock or access gate for passage control purpose.



GT2 Middle Distance Camera x 2 with Thermal Imager

MiAION GT2 is for Remote Temperature Detection with Facial Recognition feature for 1:N people identification. People's ID & temperature data will be detected, displayed (via HDMI to external display monitor), and sent to the back-end server. When the measured temperature is higher than preset temperature, it will turn on its alert light and send out notifications.



Specification

	Short Distance Temperature Sensing	Middle Distance Camera*2 with Thermal Imager
Principle	Thermopile Array Module	Uncooled and Amorphous Silicon Sensor
Infrared Resolution	16 x 16 (256 pixels)	80 x 80 (6400 pixels)
Effective Distance	30 ~ 50 cm	1.2 ~ 1.5 M
Accuracy	± 0.3 ° C	± 0.5 ° C
I/O	USB Temperature Output	HDMI External LCD
Interface	Windows / Linux	TCP/IP
Display	-	Visible Light / Thermal Imaging
Environment	Ambient temperature Stable / Indoor	Ambient temperature stable / Indoor