



Made in Korea with Korean technology!
Temperature measurement thermal imaging camera/system
Fixed type thermal imaging camera SM080

It is a thermal imaging camera for precision measurement (image & temperature) developed and manufactured using pure Korean technology.





More strict management than quarantine!
Thermal imaging camera SM080

It is a thermal imaging camera for precision measurement (image & temperature) developed and manufactured with pure Korean technology. It is convenient because it has an alarming function and can be easily installed anywhere, and can detect and prevent dangerous situations in advance.



01

High quality and excellent differentiation **Pure Korean technology development/manufacturing**

Lens, electronic modules, housing, software are all made in Korea.
Even small temperature differences can be identified with excellent quality of
temperature resolvability of 0.1 °C.
Thermal image resolution 6400 pixels.
IP 66 grade waterproof, dustproof to protect the module.



02

Built-in alarm function when detecting over the set temperature

- Operating temperature range -10 °C ~ 50 °C, error range $\pm 0.1\%$ (daily temperature), high accuracy of resolution 0.1 °C and non-contact method
- Immediate alarm when the abnormal temperature is measured according to the minimum, average, and maximum set temperature (computer speaker sound and storage function)
- Early detection and induction of inspections can prevent the spread of the community.





Fast and accurate scan,
Fast reaction speed

The thermal imaging camera is a non-contact device that expresses real-time accurate temperature at a processing rate of 30 frames per second.

Also IR optical lens FOV 58 degrees, the most ideal lens for heat detection, is implemented.



04

You can install anywhere you want where standard tripod can be set up

With a tripod included configuration, users can install it anywhere they want to detect temperature changes in real time to detect and prevent fire or quarantine hazards in advance.



Product specifications and features

Operating temperature range	0°C~100°C
Thermal resolution	80x80 (6400pixels)
Viewing angle	58°
Accuracy	±2°C or ±2%(0°C~200°C) ±1% (10°C~30°C, in normal temperature environment)
Palatte	6 types of color + gray scale
Streaming	pc based real time streaming
Alarm	Alarm can be set above the set temperature
Temperature display	0.1°C unit display
Protection class	IP66 (dustproof, waterproof)
Usage time	Available 24 hours

- Simultaneous measurement of 4 adults based on 2M distance (The larger the distance, the more people can be measured, up to 10 people)
- Artificial temperature correction according to distance
- Made in Korea

