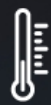# IRIS
QUARANTINE

Infrared Imaging System for Quarantine

MEDICORE

Technology to help put your staff and customers at ease

IRIS-QS

Accurate! Fast! Untact!

- Non-contacting detection
- Instant face recognition for fast and accurate measurement
- Systematic Detection System
- Able to detect the mass group simultaneously up to 250 people
- Accurate measurement in accordance with the environment temperature based on AI algorithm
- Mobile alert function system

Features & Advantages

- Able to detect the persons with the mask, glasses and a hat
- Perform automatic calibration every minute to avoid manual calibration
- Operator free system available with mobile application
- Able to adjust the temperature in accordance with circumstance temperature
- Dual Camera : Face and Thermal recognition in one display
- Dual face recognition algorithm using both infrared and CCD display
- Lower false warning rate based on AI algorithm

The best Quarantine System in the world with the Face Recognition with AI Technology

IRIS Fever Screening System has been specifically designed for COVID-19, flu, virus and infection screening, used for large-scale temperature monitoring in crowded public places or high traffic areas, to detect any individuals with a fever immediately.
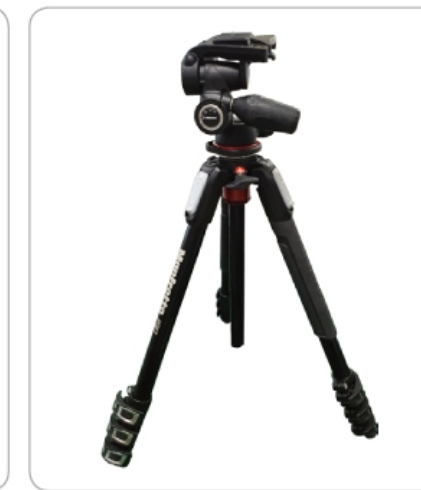
This non-invasive system can be set up at the entrance of a public venue ro a workplace to screen those entering with fever. It will immediately display a warning, along with the captured image, of any individual with a temperature above your established threshold.

Those at risk be directed to get appropriate medical attention or to isolate themselves.

Accessories

| Camera | Tripod | Laptop (Optional) | Auto-Focusing (Optional) |

* Cable Included

Why Medicore?

90% or more

The Biggest Market Share
(in Domestic Market)
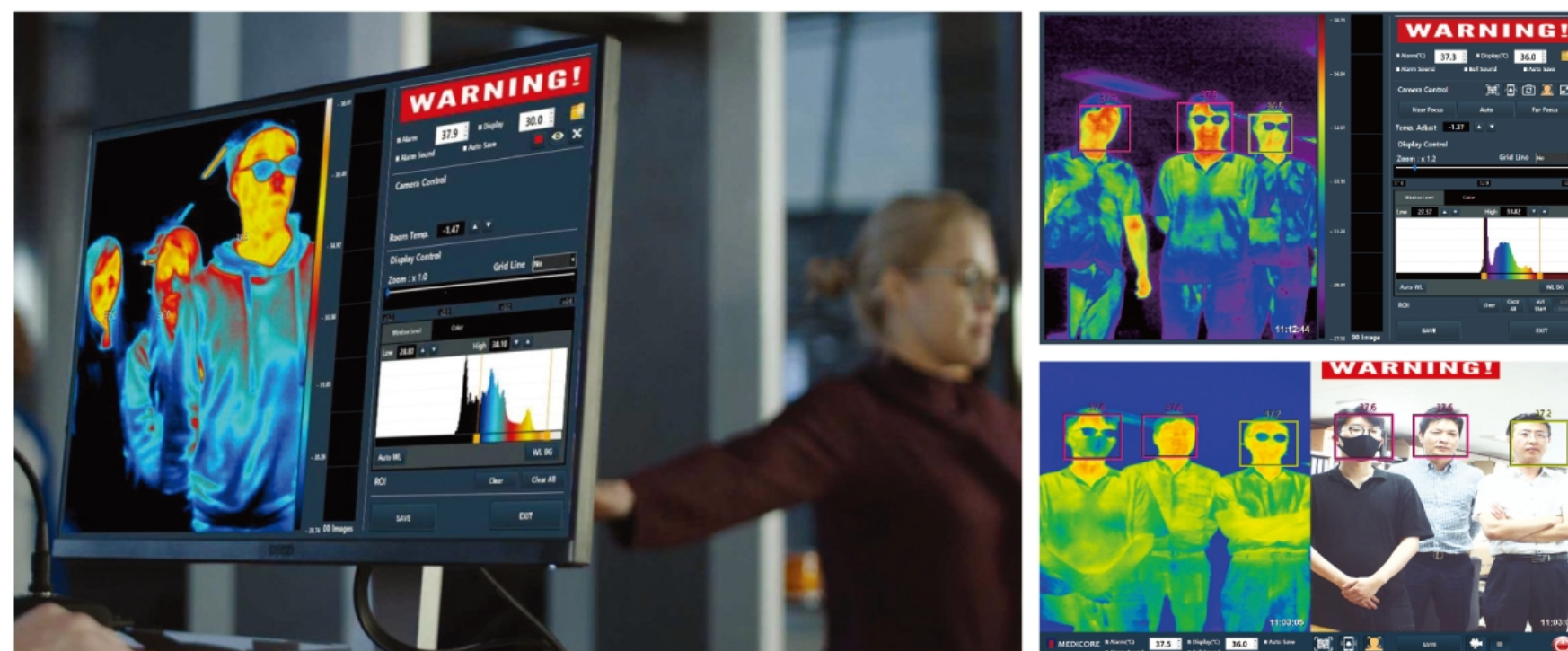
- Reliable Business & Technical Support

High-Technology & Reliability

- World-Top Class Thermography Technology
- Holds Multiple Patents

Medical Background

- Medical Study for over 20 years
- Supports The Korean Society of Thermology
- Development on the basis of Medical Thermography Technology

SPECIFICATION

Category	Item	Specification
Temperature Mesurement	Range	10 ~ 45°C (Specially Designed for Human Body)
	Accuracy	±0.3°C (Object's temperature: 32.0 ~ 42°C)
	Calibration	Automatic Calibration (No external calibration source required)
IR Camera	IR Resolution	384X288pixels
	Pixel Pitch	17um
	Thermal Sensitivity (NETD)	≤50mk
	Focal Length	15mm
	Focal Length (Wide Camera)	8.1mm
	Field of View (FOV)	· 15mm : 24.5° x 18.5° · 8.1mm : 49° x 36°
	Spatial Resolution(IFOV)	· 15mm : 1.1mRad · 8.1mm : 2.2mRad
	Spectral Range	8 ~ 14 Microns
	Detector Type	FPA, Uncooled Microbolometer
	Frame Rate	9 or 30 Hz
CCD Camera	Resolution	5MP
Focusing	Manual Focusing	
Zooming	Digital Zoom Avaialble : x2, x3	
Interface	USB 2.0	
Power Supply	AC 100~220V, 50/60Hz	
Operating Temperature	-10~65 °C	
Configuration of the Product	IR Camera, Software, Laptop (Optional), Tripod Stand Main & Power Cable, User Manual	

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www.medi-core.com