

THERMAL SCREENING CAMERA

QTi03-S500/S501

QTi03 S500/S501 Series Thermal screening camera

This thermal imager is mainly developed based on the principle of infrared thermal radiation. It uses a non-refrigerated core and low signal-noise image processing technology. It is a non-contact, real-time, continuous and accurate temperature measuring equipment. At the same time, a dedicated software system can be used to visually display the temperature information of the temperature measurement objects. It can be used for some constant temperature scenarios, such as the entry-exit health quarantine at customs, airports, stations, terminals, land ports, schools, hospitals and office buildings.



Black body (Optional)

Double light intelligent human body thermometer

Wiring



Temperature measurement software of human body



The product has passed the certification of the international authoritative SGS testing agency.

Product features

It can measure the temperature for people wearing masks and measure multiple people at the same time. Support wide dynamic function.



Without the need for close or direct contact with the person being tested, the risk of infection can be reduced by continuously measuring people passing quickly in real time, preventing people from staying.



High measurement accuracy, automatic screening and warning, information can be retained for easy traceability, can reduce manpower, material resources.



Scenario

It is widely used in the indoor constant temperature scene with dense flow of people in customs, airports, docks, hospitals, stations, schools, office buildings, etc., to realize rapid screening of human body temperature.



Technical parameters

Thermal imager

Sensor type	Uncooled detector
Max. Resolution	384 × 288
Lens focal length	6.7mm
Field of View	48° × 35.3°

Parameters of visible light camera

Sensor type	1 / 2.7 inch Progressive scanning 2MP CMOS image sensor
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Functions of temperature measurement

Range of the temperature measurement	+28°C~+42°C
Mode of the temperature measurement	Temperature measurement modes such as point, line and rectangle are supported.
Over temperature alarm function	Support the alarm function of abnormal human body temperature
Intelligent features	Support automatic capture of moving face targets.

The parameters of the black body

Temperature range	Ring temperature + 5 °C ~ +60 °C
precision	±0.2°C (@ factory calibration temperature, ring temperature +23°C)
Radiation area	70mm x 70mm evenly distributed
Size	100mm x 90mm x 90mm
Weight	0.75Kg

General specifications

Overall dimensions	71.0cm×56.0cm×19.5cm
Weight	7kg (Includes two tripods)
Working temperature and humidity	+10 °C ~ + 30 °C, < 90% RH