

WG 020

Body Temperature Measurement Camera

Product Code: 12256



Key Features



Fever Detection



Thermal View and Optical View



3.5" 640x480 LCD Touch Display



Live view on PC, Mobile Device or External Monitor



Thermographic Accuracy up to ± 0.5 °C



Rechargeable Li-ion Battery



Overview

The WG 020 Body Temperature Measurement Camera is a portable rapid deployable thermal imaging fever screening camera for accurately identifying individuals that have an above normal body temperature.

The system can be used as a first level mass screening test for identifying individuals that have an above normal body temperature and may be suffering from Coronavirus, Ebola, Common Influenza, SARS and other flu variants such as Avian Flu, Bird and Swine flu.

The initial level primary screening provides little or no inconvenience or interruption of movement for the majority of people being screened.

Specifications

Power supply: Dismountable and rechargeable Li-ion battery

Power consumption: 4-5 hour from full charge. Max 4.5w

Display: LCD touch display

Focal Length: 6.2 mm

Temperature accuracy: ± 0.5 °C

Thermographic range: 30°C to 45°C

Monitor resolution: 640 x 480

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Accurate Detection

The focal ability of the WG 020 with an 25 x 18.7 degree FOV is 1 metre to infinity. The thermographic range is from 30 °C to 45 °C with a temperature accuracy of ± 0.5 °C.

The focal length to stay within specification for fever screening is 2 – 6 metres accurate measurements can still be made up to 10 meters.

Note: This system will only detect above normal body temperature that are typically associated with fevers, it will not detect early stages of infection.

Deployment

Fever screening stations are self-contained and portable, so they can be set-up in temporary locations very quickly.

Single units can operate as primary mass screening stations as well as secondary screening stations. Cameras can be mounted on tripods for same point of focus.

With multiple stations deployed, for high volume traffic, a single unit is normally designated as the secondary screening station.

Software Controls and Alarms

Stable calibration over ambient temperature changes ensures excellent measurement repeatability.

Visible and audible alarms permit fast identification of alarm sources.

Compliance

Complies with European Certificate of Conformity.

Camera Dimensions

