QINETIQ

98.4°F
Within Range

ROSIE

Remote Optical Screening of Individuals in Entryways

The ROSIE System provides the ability to quickly, safely and effectively, with a $\pm$ 0.3°F ($\pm$0.15°C) accuracy, measure an individual's skin temperature without being in close contact to the individual.

Quick and Effective system

The ROSIE system provides automated non-contact temperature scanning. It can efficiently scan temperatures at a range of 6 – 10 feet (1.8 – 3.0 meters), and has a quick and easy set-up configuration allowing for mobility of the system. ROSIE alerts the operator of individuals with elevated temperatures for additional screening without violating HIPAA regulations. ROSIE can be permanently mounted to a ceiling or wall or operated on a tripod and has the ability to scan and return results in approximately one second. ROSIE also features selectable Audio Alerts that alerts the operator of an elevated temperature.

ROSIE's capability was initially demonstrated in cooperation with the US Government and deployed at DoD facilities worldwide.

Key Features and Benefits

Thermal Imaging can measure skin temperature faster and with same accuracy compared to forehead thermometers which puts the user in close proximity with the subject

Increases the rate of screening of individuals entering a facility

Setup and Configuration can be performed in less than an hour by one person

PII or health information is not stored or displayed by the system

ROSIE comes equipped with

Preconfigured control laptop with ROSIE software installed

Assembled camera module including LWIR Radiometric Thermal Camera Core

Assembled blackbody reference plate

Pelican Case, tripod, all necessary cables, and documentation

QinetiQ Inc. is an engineering company focused on mission-led innovation providing critical capabilities in support of our Defense and Security forces in the U.S.

Operating Range 6-10 ft (1.8 – 3.0 Meters)

98.4°F
Within Range

Features and Capacities

Optimal operational range	6 to 10 feet (1.8 – 3.0 meters)
Temperature Accuracy	$\pm$ 0.3° F ($\pm$0.15°C), with "Set and Forget" temperature programming
Power	Laptop and blackbodies operate on standard 120v outlets The ROSIE camera assembly is fully bus-powered

Blackbody references are IEC 80601-2-59 compliant |
Temperature Readings	Accurate temperature readings in approximately 1 second
Recalibration	Recalibration is not needed if the system is stopped and started again.
Thermal	Provides a viewable thermal reference area for thermal imaging cameras to detect fevers

ROSIE is compliant with the guidelines set forth in the Food and Drug Administration's (FDA) guidance document: "Enforcement Policy for Telethermographic Systems During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency: Guidance for Industry and Food and Drug Administration Staff".

https://www.fda.gov/regulatory-information/search-fda-guidance-documents/enforcement-policy-telethermographic-systems-during-coronavirus-disease-2019-covid-19-public-health

MITRE
TECHNOLOGY APPLIED

This system incorporates elements of the software developed by the MITRE corporation on behalf of the U.S. Government. MITRE is a registered trademark of the MITRE Corporation.

Collaborating with QinetiQ Inc.

At QinetiQ we bring organizations and people together to provide innovative solutions to real world problems, creating customer advantage. Working with our partners and customers, we collaborate widely, working in partnership, listening hard and thinking through what customers need. Building trusted partnerships, we are helping customers anticipate and shape future requirements, adding value and future advantage.

www.QinetiQ.com

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