

FeverScan M3000L

Dual Vision Thermal Imaging Camera System



Key Features

- Dual Vision (thermal and visual) system for easy screening
- Pre-definable values for abnormal temperatures
- Grayscale image using red to indicate high temperatures.
- Adjustable display palette temperature range
- Ability to “spot-check” with mouse for accurate crosshair temperature readings
- Customizable high-temperature alarm
- Log file records alarm data
- System contains dual vision camera head, display software, computer control system and black body for continuous calibration.

System Overview

The FeverScan M3000L System is designed for mass screening in public areas, and is used to find individual target with elevated temperatures. As a group of target objects pass the camera, thermal and visual images are displayed on the nearby monitor. Target temperatures above a predefined value are displayed and can then be diverted for further assessment by professional personnel.

FeverScan M3000L is a light version that maintains the key features of the FSM3000D system. It adds a visual sensor to the thermal, creating a dual sensor camera head. The visual/thermal comparison allows for easier/faster screening—the operator can screen and identify at the same time.

The FeverScan M3000L is capable of evaluating hundreds of people per minute—target flow is not restricted. The FeverScan M3000L is ideal for mass temperature screening in public transport situations: airports, railway/subway stations, seaports, and other public facilities.

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Specifications

Camera

Lens	40mm
Focal Plane Array	Micro-bolometer (Amorphous silicon or vanadium oxide)
Image Frequency	7.5 Hz (NTSC) or 8.3 Hz (PAL)*
Spectral Range	8 - 14 μ m
Number of Pixels	320 x 240
NETD	0.08°C @ 30°C

Software User Interface

Data Display	640 x 480 on screen/processing
Visual Alarm	User definable temperature scale and alarm trigger point
Alarm Function	Ignore Mode or Save Alarm Mode (saves images to hard drive and creates log file for easy retrieval and review)

System Options

- VGA Monitor
- Printer
- Tripod



* Any image frequency above 9 Hz requires an export license.

FeverScan M3000L System Illustration

