



Key Features

- Network real-time accuracy mass fever-scanning
- 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
- Turn-key system contains thermal camera head, display software and data acquisition/recording system.

System Overview

The FeverScan M3000SD System is designed for mass screening of public areas, and is used to find individuals with elevated body temperatures. As a group of people walk pass the camera head, thermal and visual images are displayed on the nearby monitor. Body temperatures above a predefined value are displayed. Those individuals can then be diverted and further assessed by professionals.

Network is a significant feature for FeverScan M3000SD. Remote, real-time and high accuracy let mass monitoring/scanning much easy and flexible. The dual sensors, visual/thermal, image comparison allows for easier/faster screening—the operator and control center can screen and identify at the same time.

The FeverScan M3000SD is capable of evaluating hundreds of people per minute—pedestrian flow is not restricted. The FeverScan M3000SD is ideal for mass temperature screening in public transport situations: airports, railway/subway stations, seaports, and other public facilities.

Specifications

Thermal Camera

Lens	13mm (FOV: 24° x 18°)
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	324 x 256
NETD	0.05°C @ 30°C
Video output	Network digital

Visual Camera

Image Sensor	1/3" 2 Million Pixel CMOS Sensor
Video Frame Output Rate	PAL: 25 fps (1920x1080)/ NTSC:30 fps (1920x1080)

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 Sound/Visual//network alarm (saves images to hard drive and creates log file for easy retrieval and review)

Network Function

Supported Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, FTP, 802.1x, QoS, HTTPS, IPv6, SIP/SRTP
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* Any image frequency above 9 Hz
requires an export license.



FeverScan M3000SD System Illustration

