

## Key Features

- Dual Vision (thermal and visual) system for easy monitoring
- 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 FS M3000N System is a network dual vision thermal imaging camera system. As target pass the camera head, thermal and visual images are displayed on the nearby monitor. Target temperature above a predefined value is displayed.

Network capability is a significant feature for the FS M3000N for remote, real-time and high accuracy monitoring. The dual thermal/visual comparison allows operator easier/faster monitoring for target temperature.

### Intended Use

*The M3000 series of product models are telethermographic imaging systems that are intended for general thermal imaging. These products are not intended for medical purposes, nor for use by health care professionals or others for body temperature assessment. These products are not intended for human use for human body temperature scanning. These products are NOT intended for use in the diagnosis of disease or other conditions or in the cure, mitigation, treatment, or prevention of disease.*

### Notes:

*The M3000 series of product models are available to purchase in the United States of America. Please contact us directly for any purchase inquiries.*

## Specifications

### Thermal Camera

<b>Lens</b>	19mm (FOV: 24° x 18°)
<b>Focal Plane Array</b>	Micro-bolometer (Amorphous silicon or vanadium oxide)
<b>Image Frequency</b>	7.5 Hz (NTSC) or 8.3 Hz (PAL)*
<b>Spectral Range</b>	8 -- 14 μm
<b>Number of Pixels</b>	324 x 256
<b>NETD</b>	0.05°C @ 30°C
<b>Video output</b>	Network digital

### Visual Camera

<b>Image Sensor</b>	1/3" 1.3 Million Pixel CMOS Sensor
<b>Video Frame Output Rate</b>	PAL: 25 fps (1280x960)/ NTSC:30 fps (1280x960)

### Software User Interface

<b>Data Display</b>	640 x 480 on screen/processing
<b>Visual Alarm</b>	User definable temperature scale and alarm trigger point
<b>Alarm Function</b>	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

<b>Supported Protocols</b>	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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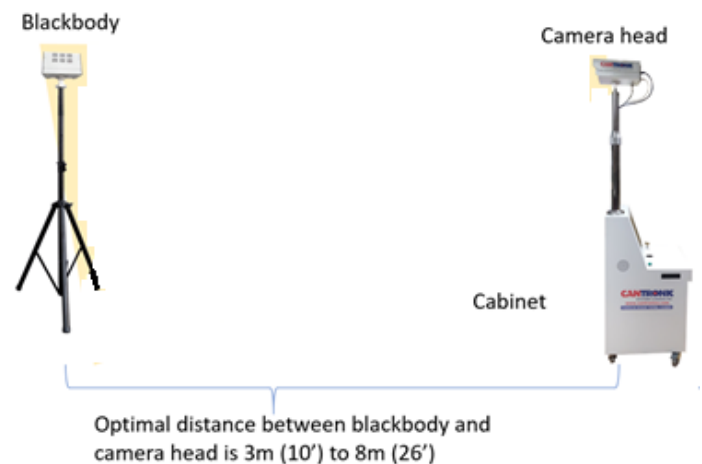
\* Any image frequency above 9 Hz  
requires an export license.



#### WARNING AND CONDITIONS OF USE OF THIS PRODUCT

1. This product is not a medical device.
2. This product is intended for general public use.
3. This product is marketed only to the general public for general, non-medical purposes, such as use in construction and other industrial applications only.
4. These products are not intended for use in the diagnosis of disease or other conditions or in the cure, mitigation, treatment, or prevention of disease, when marketed for these non-medical applications
5. U.S. Food and Drug Administration (FDA) medical device requirements do not apply to this product.
6. FDA marketing authorization is not required for this product, and all medical device requirements of the Federal Food, Drug and Cosmetics Act do not apply to this product.
7. Any use of this product outside of these above conditions and warnings are not recommended, this falls under the responsibility and risk of the end user and is not the responsibility of the manufacturer.

## FS M3000N System Illustration



Specifications are subject to change without notice

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