



FevIR[®] Scan Skin Temperature Measurement System



MIRICLE FevIR Scan 110K Thermal Imaging Camera



Multi Target Auto Tracking System



High Accuracy Infrared Thermal Calibration

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Ideal for Mass Screening. In today's world of fast transit global travel, outbreaks of infectious disease will cross national and international boundaries in a matter of hours. The SARS, Bird 'Flu and Swine 'Flu viruses have affected tens of thousands of people and businesses with massive disruption to all people in all walks of life.

Miniature, discreet and ultra portable MIRICLE FevIR Scan Skin Temperature Monitoring system provides peace of mind with high speed sensitive temperature measurement for high volume pedestrian transit areas.

MIRICLE FevIR Scan thermal imaging and temperature measurement system from Thermoteknix is easily installed, operated and re-located with the very minimum of setup time and operator training.

On screen visible and audible alerts provide instant notification of high temperature alarms. On-screen alerts identify one or more individuals in a large crowd situation, aiding rapid detection and maintaining passenger flow.

The Thermoteknix MIRICLE 110K radiometric infrared thermal imaging camera can detect temperature differences as small as 0.05°C and with its high resolution 110,000 pixel detector and lens options, covers a wide or narrow field of view as required for transit monitoring.

Password protected configuration to prevent unauthorised changes.

Operating at 50Hz (9Hz models available for export licence requiring countries), MIRICLE 110K ensures that a high rate of human transit is monitored effectively without slowing queues in busy areas.

**MIRICLE FevIR Scan Skin Temperature Measurement System:
Accurate, Affordable - Quick and Easy to Install - Peace of Mind**

Caution: Human skin temperature varies with environmental and physiological factors. Raised skin temperatures can occur in the absence of



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MIRICLE FevIR Scan Skin Temperature Measurement System Specification

MODEL	110KR
Detector material	Amorphous Silicon (A Si)
Array size	384x288
TEC-Less operation	YES
Pixel count	110,592
Spectral response	8 μ m-12 μ m
Pixel Pitch	25 μ m
Response time	<10 mS
Sensitivity (Excluding optics)	0.05°C
Frame rate	50/60 Hz (9 Hz option available)
Video Output	USB 2
Power consumption	2.5 Watts
Time to image	<2 Seconds
Std. ambient Operating temperature range	-20 to +50°C
Remote command interface	RS232
PC Interface	USB 2 - 50 Hz

CONFIGURATION	MIRICLE 110KR
Weight (Excluding optics)	166g
Length (mm)	57.6
Width (mm)	45
Height (mm)	52.5

LENS	Weight	FOV
Wide, athermalised	32g	35 x 27
Narrow Athermalised	100g	15 x 11

FevIR Scan is available without export licence with a 9Hz detector update rate. 50/60Hz update rate cameras may be subject to export licence for some countries

- Installation Options:
1. Tripod Pack
 2. Frame Pack



Caution: Human skin temperature varies with environmental and physiological factors. Raised skin temperatures can occur in the absence of fever and vice versa. Specifications Subject to change without notice.



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FevIR Scan 皮膚溫度量測系統

FevIR Scan 是理想的溫度篩檢設備。

在當今全球快速的過境旅行，短時間內爆發跨國的傳染病和國際邊界的傳染病問題，非典型肺炎(SARS)，禽流感(H1N1)和豬禽流感病毒影響成千上萬的個人和企業，也打破了各階層人民的生活習慣。

微小便於攜帶的 **MIRICLE FevIR** 皮膚溫度掃描監控系統提供安心、高速、靈敏的溫度測量，適合大批量的行人過境地區監測。

MIRICLE FevIR 掃描熱成像和溫度測量系統很容易安裝，操作和設定。螢幕上的可見光和鳴聲警報 提供即時通知溫度過高警報。在螢幕上警示標識可選擇一個或在一大群人的情況下，幫助快速檢測及維護乘客流動。**MIRICLE 110K** 輻射紅外熱成像相機可以檢測到溫度差異小到 0.05°C 。其高分辨率 110,000 像素探測器和鏡頭選項，可依涵蓋範圍或檢測範圍需求選擇不同之鏡頭監測。

本系統提供密碼保護配置，以防止未經授權的更改。

工作在 50 赫茲（9Hz 模式可供出口許可證要求國家），在繁忙地區過境的人員監管，**MIRICLE 110K** 確保了高效率的人員通行而不會停頓。



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