



MIRICLE FevIR Scan 110K Thermal Imaging Camera



Skin Temperature Measurement System

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.

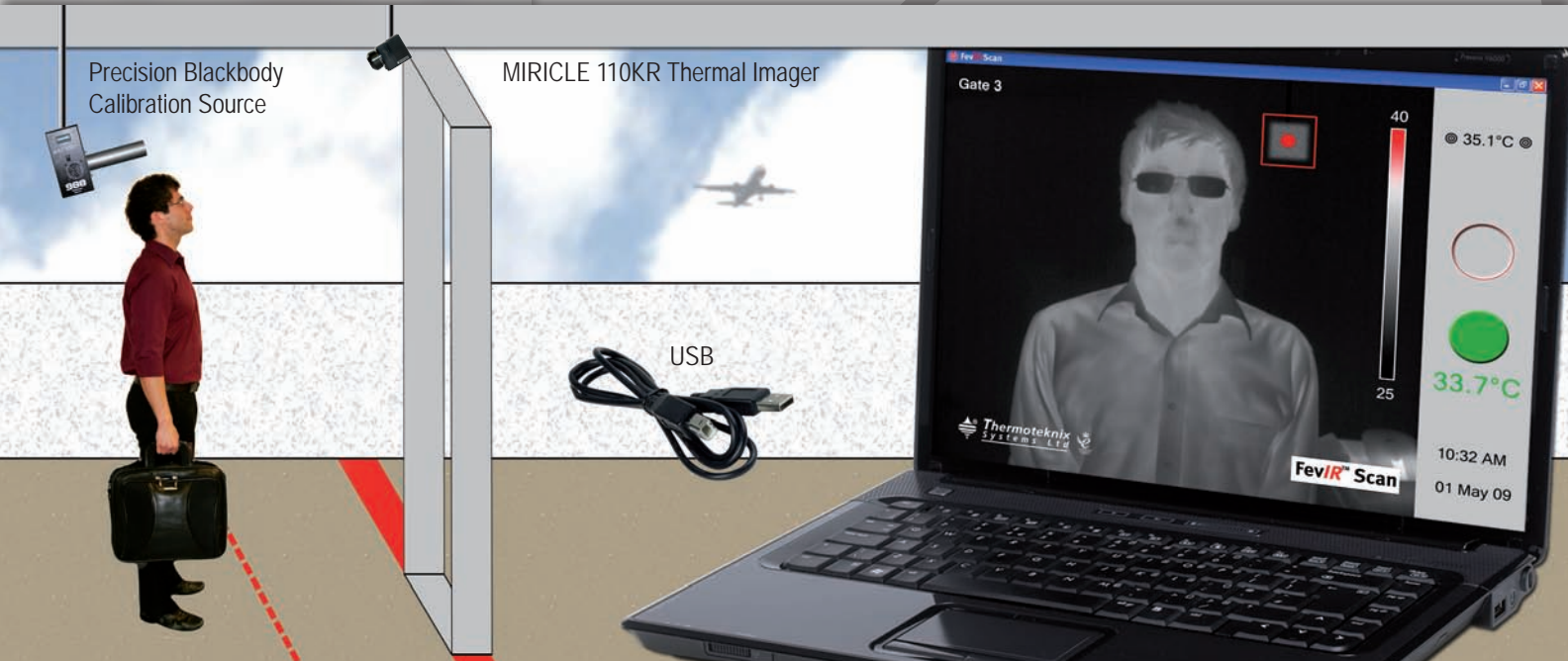
The Thermoteknix MIRICLE 110K radiometric infrared thermal imaging camera can detect temperature differences as small as 0.05°C and with its high resolution 110,000 pixel detector and lens options, covers a wide or narrow field of view as required for transit monitoring.

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 environment and physiological factors and does not always accurately reflect internal core temperature. Raised Skin temperatures can occur in the absence of fever and vice versa.



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	8µm-12µm
Pixel Pitch	25µm
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. ambint Operating temperature range	-20 to + 50°C
Remote command interface	RS232
PC Interface	USB 2 - 50 Hz

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



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