

D160-F Fever Screening



The D160-F has been designed to meet the current demand for a non-contact method to detect abnormal temperature within humans.

The D160-F uses a entry level (160x120) detector to help identify the abnormal temperatures within a group of people or individuals in a line/queue.

The D160-F allows rapid screening of people from a safe distance. It can be operated by hand or it can be mounted on a tripod. It has a temperature accuracy of $\pm 0.5^{\circ}\text{C}$ making it suitable fever screening in workplaces and SME's.



Key Features

- Temperature Range $30^{\circ}\text{C} \sim 45^{\circ}\text{C}$
- Temperature accuracy of $\pm 0.5^{\circ}\text{C}$
- Rapid Fever Screening at a safe distance
- Battery Life of 6 hours
- Handheld or fixed to a tripod
- Different colour palettes to make easy identification of abnormal temperatures



D160-F Specifications

Image Performance	
Resolution	160x120
Thermal Sensitivity (N.E.T.D)	0.05°C@30°C
Detector Type	UFPA
Spectral Range	8- 14 µm
Optimal Measurement Distance	1m
Frame Rate	9Hz
Measurement	
Temperature Range	30°C ~ 45°C
Accuracy	±0.5°C
Measurement Tools	Centre point temperature, high temperature tracking
Temperature Alarms	Yes detects abnormal temperatures
Environmental	
Operating	15°C ~+ 30°C
Storage	-20°C ~ + 60°C
Encapsulation	IP65
Image Presentation	
Image Mode	IR
Colour Palettes	Iron/White hot/Black hot/Rainbow/Feather
Composite Image	BPM format, Auto/Manual save to SD card
Physical Characteristics (Camera Body)	
Weight	≤455g
Dimensions	236x 75.5 x86mm
Interfaces	
Keypad	Yes
Memory	Removable SD Card
Battery	≤6 Hours
Packing List	
Accessories	User Manual, USB-C cable, 16GB TFT Card

Please be aware specifications can vary from time to time

Marley's Lane, Drogheda, Co. Louth, Ireland

Tel: + 353 (41) 9846786
Website: www.satir.com

Email: enquiry@satir.com