

## 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  $\pm 0.5\text{C}$
- 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

<b>Image Performance</b>	
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
<b>Measurement</b>	
Temperature Range	30°C ~ 45°C
Accuracy	±0.5°C
Measurement Tools	Centre point temperature, high temperature tracking
Temperature Alarms	Yes detects abnormal temperatures
<b>Environmental</b>	
Operating	15°C ~+ 30°C
Storage	-20°C ~ + 60°C
Encapsulation	IP65
<b>Image Presentation</b>	
Image Mode	IR
Colour Palettes	Iron/White hot/Black hot/Rainbow/Feather
Composite Image	BPM format, Auto/Manual save to SD card
<b>Physical Characteristics (Camera Body)</b>	
Weight	≤455g
Dimensions	236x 75.5 x86mm
<b>Interfaces</b>	
Keypad	Yes
Memory	Removable SD Card
Battery	≤6 Hours
<b>Packing List</b>	
Accessories	User Manual, USB-C cable, 16GB TFT Card