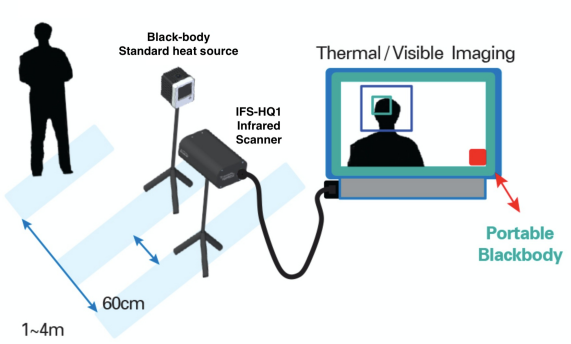
Infrared Fever Scanner IFS-HQ1

SKU: IFS-HQ1

Doc No: IFS-HQ1-DS-EN-10





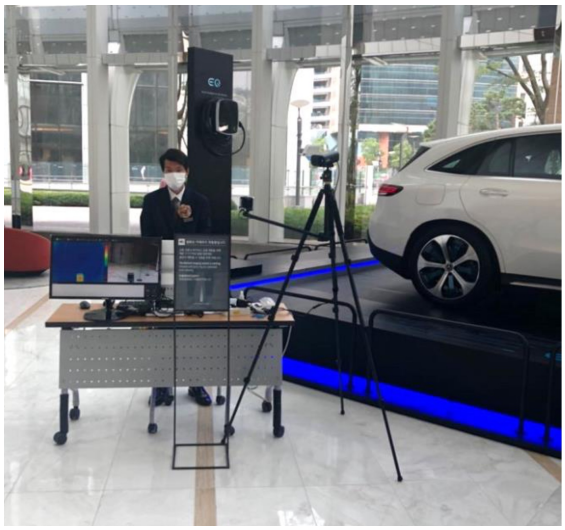
Black body



IFS-HQ1 Infrared Scanner

Introduction

IFS-HQ1 is a cost effective tool to defend at the front line of Epidemic. It provides the simple method for fever scanning people in the crowd. Using a constant heat source for highest accuracy +/- 0.3 oC.

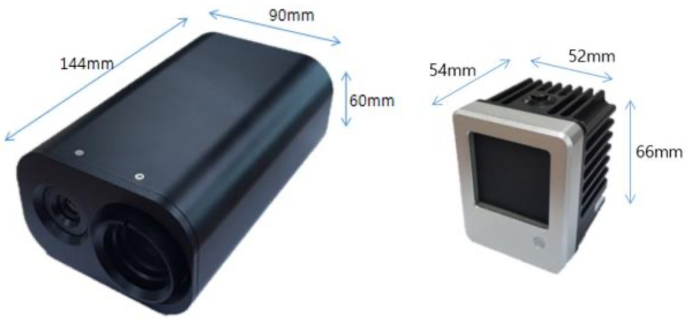


Actual setup

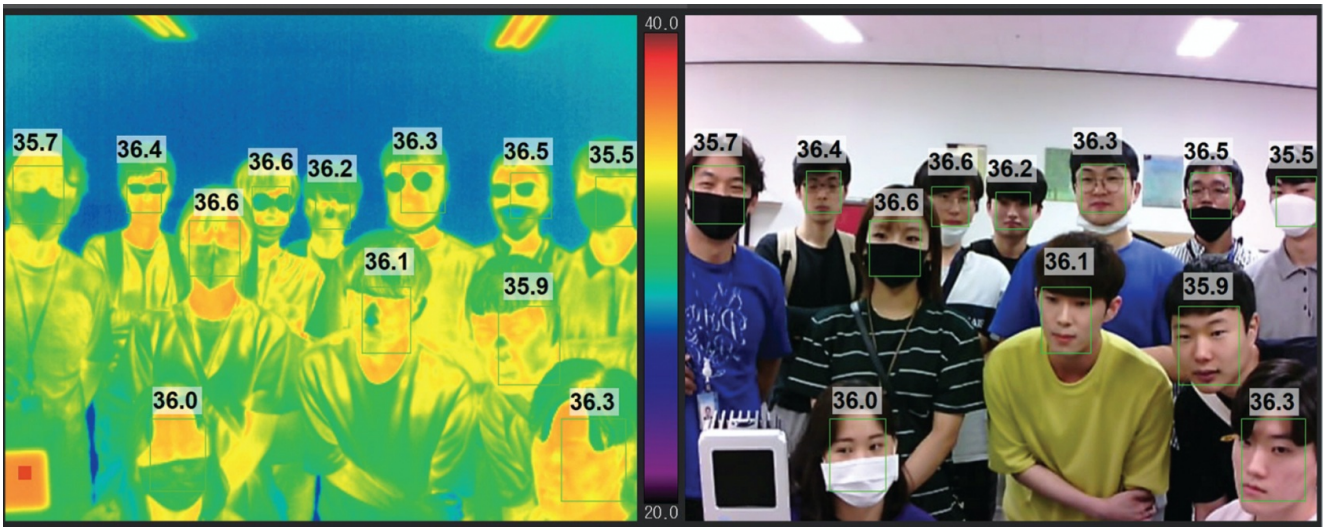
Features

- Extremely high accuracy +/- 0.3 oC;
- Non-contact thermal FEVER scanning for multiple people, max 20 people at the same time;
- Calibrate continuously with constant heat source;
- Calculate distance to compensate the temperature;
- Facial recognition algorithm for accurate and quick measurement;
- Thermal / Visual Imaging;
- AI Face recognition even with mask;
- Identify and record suspected infects: Time log, Face pictures, temperature values...
- Optional: connecting to cloudGlobiot for remote monitoring

Dimensions



Images view on Software (Windows)



Thermal Image Visual Image

Specification

Detector	Micro-Bolometer(Uncooled)
Thermal Resolution, Pixel pitch	384x288, 17㎛
NETD	50mK / F#1.0, 300K
Temp. Accuracy	±0.3℃ (distance range 1m~4m)
Wavelength	8 to 14㎛
Visible Resolution	1280x720
Time to Image	< 10sec.
Power / Video Output	USB
Framerate	≤ 30Hz
Size	90x60x144(mm)
Weight	< 800g
Operating temp.	10℃~45℃
Storage temp.	-10℃~65℃
Power Consumption	≤ 5W

Temp. Range	User specified preset value (34℃~40℃) (default setting : 36.5℃)
Temp. Accuracy	±0.3℃
Effective Area	40x40(mm)
Emissivity	0.97 ± 0.02
Power Supply	USB-C or DC Adapter
Power	+5 Vdc (Max 2A)
Power Consumption	< 7.5 W (1.5A)
Time to Use	≤ 1 min.
Size (mm)	52(W)x66(H)x54(D)
Weight	≤ 300g (w/o cables)
Operating temp.	10℃~45℃
Features	LED Indicator Mount hole

Focal Length	F#	FOV (H x V)
9.7mm	f/1.0	37.5°±2°x 28.5°±2°

Ordering codes

Item code	Descriptions
IFS-HQ1-01	Infrared Fever Scanner for max 20 people, QVGA 384x288, 17µm, c/w Windows SW, Thermal + Visible imaging, USB3.0, Lens 9.7mm(f/1.0), Frame rate <30Hz, included Black body, NOT included stand and computer
STAND-01	Tripod with Arm bar

⚠ Link for full datasheet:

⚠ Link for manual:

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