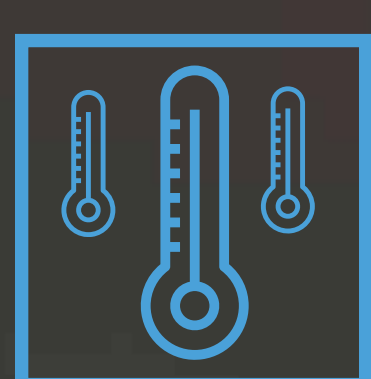


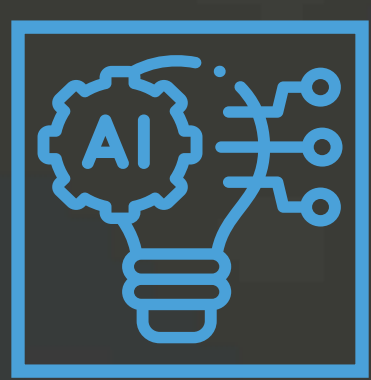


Key Features



Unlimited Hotspot Detection & Tracking

Scans multiple faces at once, with no distraction by other heat sources and no crowd interference.



Advanced Deep Learning Algorithm

Real-time base temperature auto-adjustment to compensate for localized climate change.



Android-Based Solution

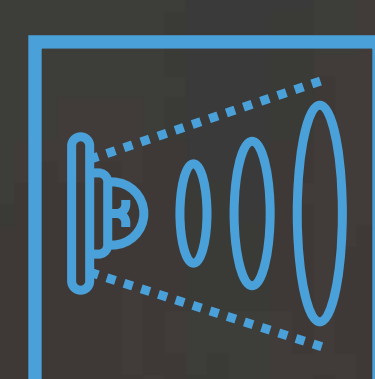
Supports Android 8 and up.



Stand Alone Solution

No additional calibration equipment required. Includes a Mini Android Single Board Computer source.

Key Benefits



Remote Sensor

No crowd flow interference.



Quick Hotspot Detection

Less than 0.3 seconds.



Real-time Operation

No individual measurement required.



Audio & Visual Alert

Blinking suspect image & alarm.



ThermApp MD Pro

Android-supported thermographic imaging device for Elevated Body Temperature (EBT) measurement, facial detection and tracking, as well as a deep learning algorithm.

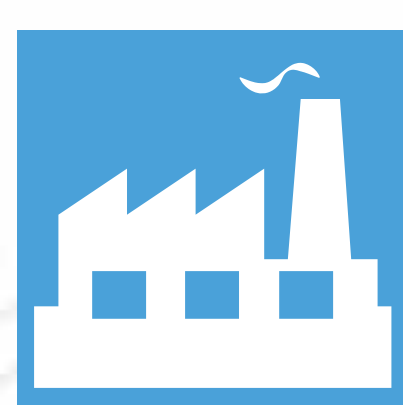


24/7 Security Solutions



Financial Institutions

Banks, insurance companies, brokerage firms, revenue and tax service offices...



Industrial Zones

Critical Infrastructure, factories, assembly lines, power plants, oil & gas facilities...



Border Crossings

Airports, seaports, land crossings...



Public Transport

Train stations, bus stations, central terminals...



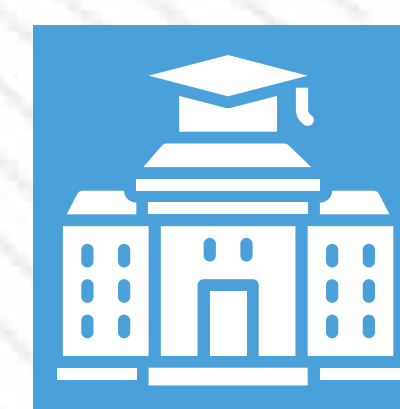
Healthcare Facilities

Hospitals, clinics, medical centers, laboratories, birth centers, blood banks, hospice and nursing homes...



Government Institutions

Judicial and Law Enforcement agencies, legislation bodies, social welfare institutions...



Education & Science

Schools, universities, libraries, museums, research facilities...

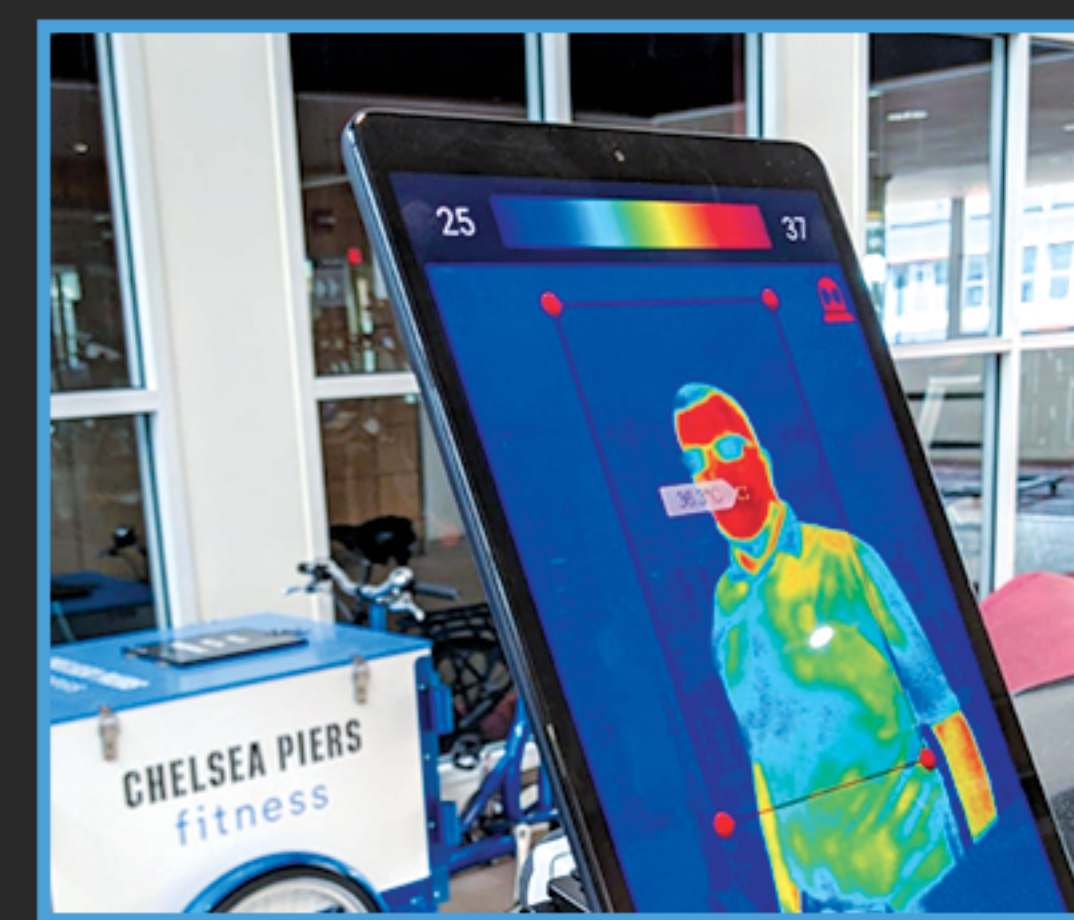
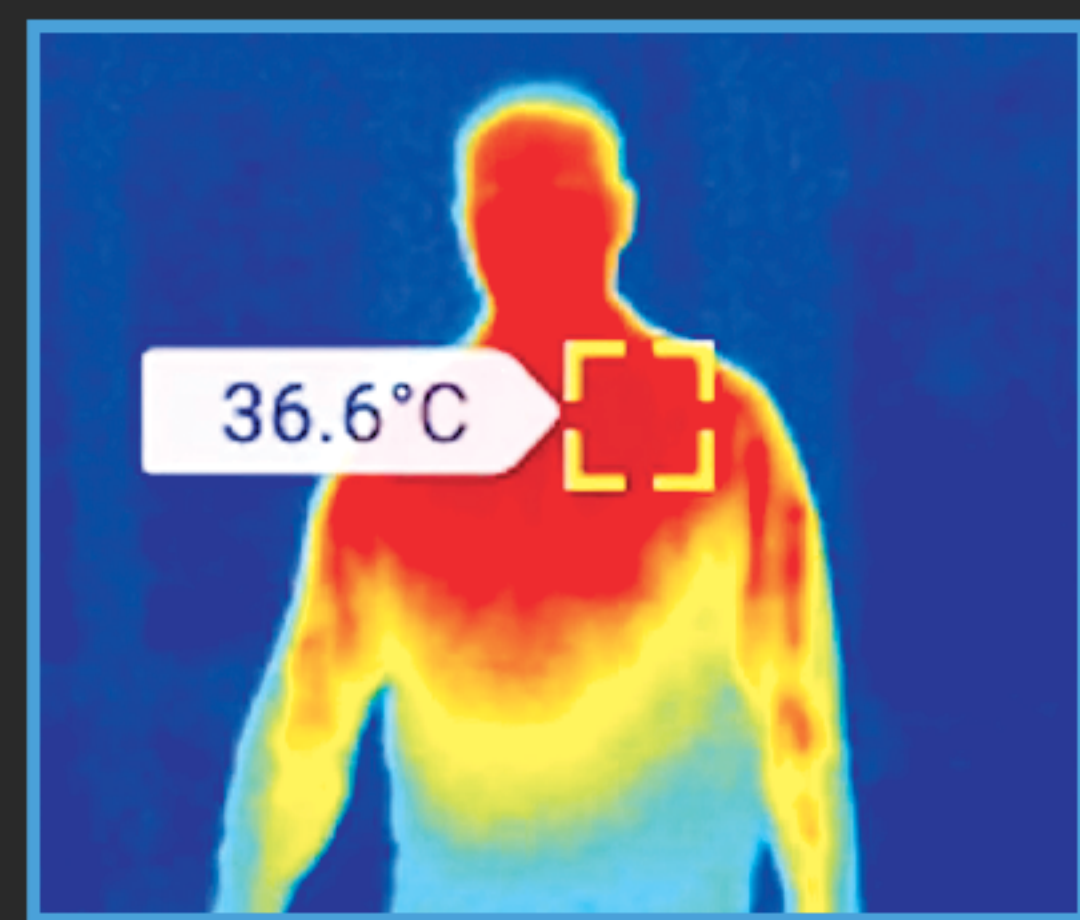
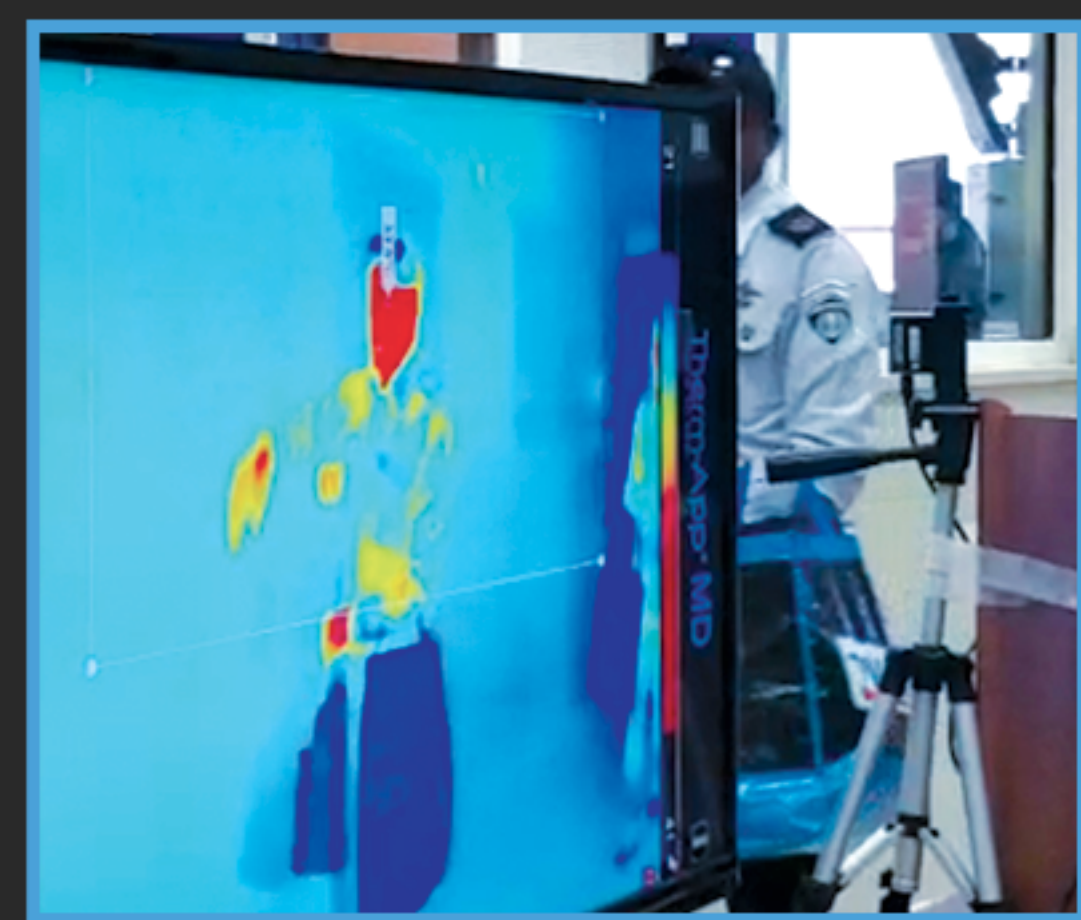


Stores & Shopping Centers

Supermarkets, malls, stores, cinemas, restaurants...

ThermApp[®] MD

more to see.



Minimal Requirements	Android 8 and above Supports USB OTG
Measurement Tools	Center Spot, Hot/cold threshold based pallets, Manual and auto scale Advanced Deep Learning Algorithm
Measurement Settings	Emissivity, Reflected Temperature
Annotations	Text & Video Annotations
Output	Video & Audio HDMI
Android Share	Via media gallery
Color Palettes	Rainbow, Iron, Vivid, Grey, Red Hot, Blue Cold, PSY, Lava, Green
Temperature Scale Range	Auto, Manual
Zoom	Continuous digital zoom using touchscreen
Feature updates	Periodic updates from Opgal website
Maintenance	Bad pixel repair utility
Quick access menu	One click
Package includes	OTG Cable, Mini Android Single Board Computer, 100-200VAC power cable, Tripod

Resolution	384 x 288 pixels (>110,000 pixels)
Accuracy	Accuracy: $\pm 0.3^{\circ}\text{C}$ * Measured in controlled conditions at 25°C
Sensitivity	NETD $< 0.07^{\circ}\text{C}$
Temperature Range	$25\text{-}45^{\circ}\text{C}$
NUC Calibration	Shutterless
Imager	384 x 288 microbolometer LWIR 7.5 -14um
Optics	6.8mm lens ($55^{\circ} \times 41^{\circ}$)
Focus	Manual, 0.2m to infinity
Frame Rate	8.7Hz
Weight	123 grams / 4.33 ounces
Size	55 x 65 x 40mm (2.16 x 2.55 x 1.57in)
Operating Temperature	-10°C to $+50^{\circ}\text{C}$ (14°F to $+122^{\circ}\text{F}$)
Storage Temperature	-20°C to $+60^{\circ}\text{C}$ (-4°F to $+140^{\circ}\text{F}$)
Power Supply & Consumption	No battery, 5V over USB OTG cable, $< 0.5\text{W}$
Certifications & Encapsulation	CE, FCC, IP54
Mount/Handle & Device Attachment	Standard tripod mount, using 1/4"-20 Clip-on for smartphones (5-10cm span)

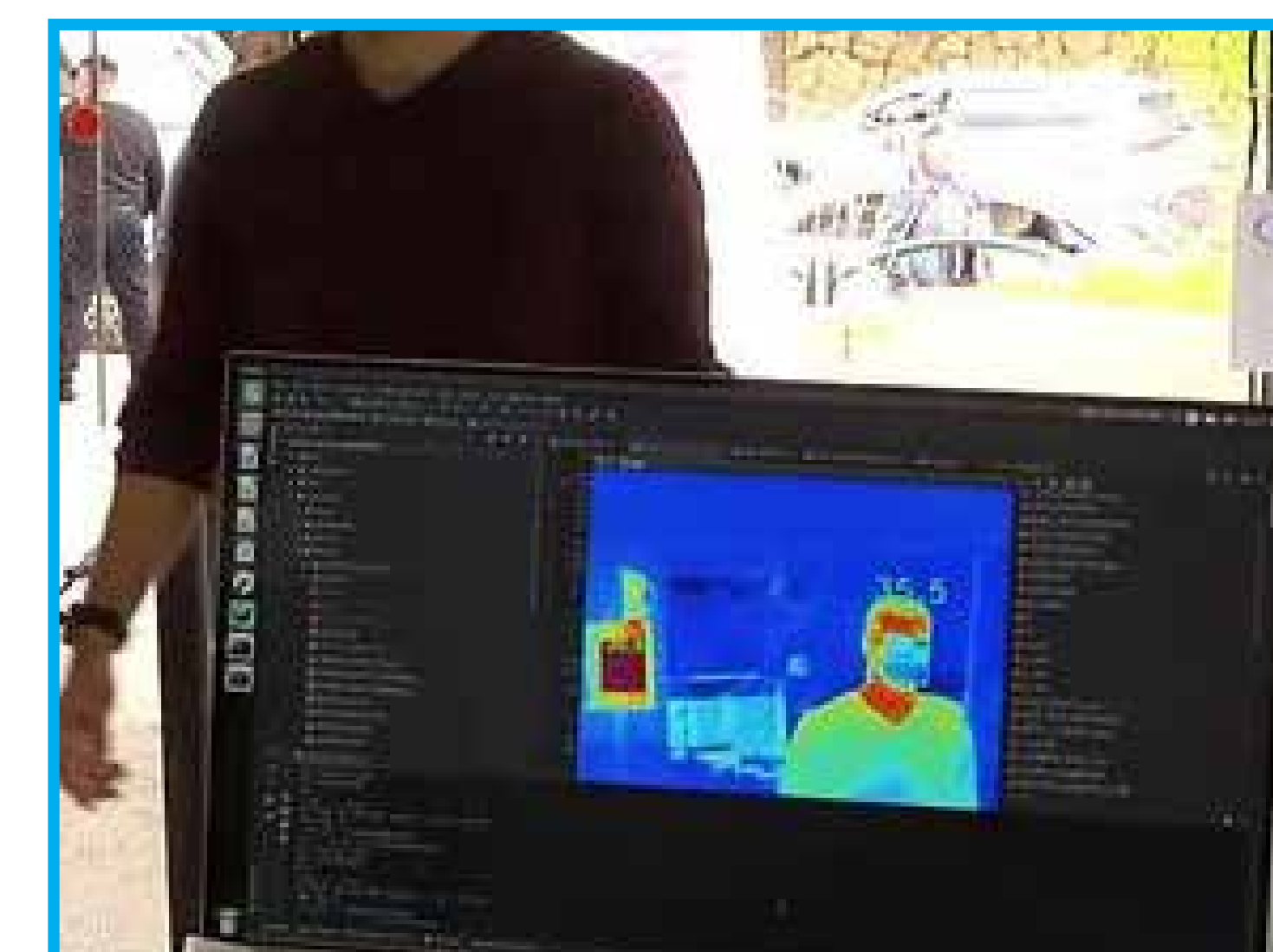
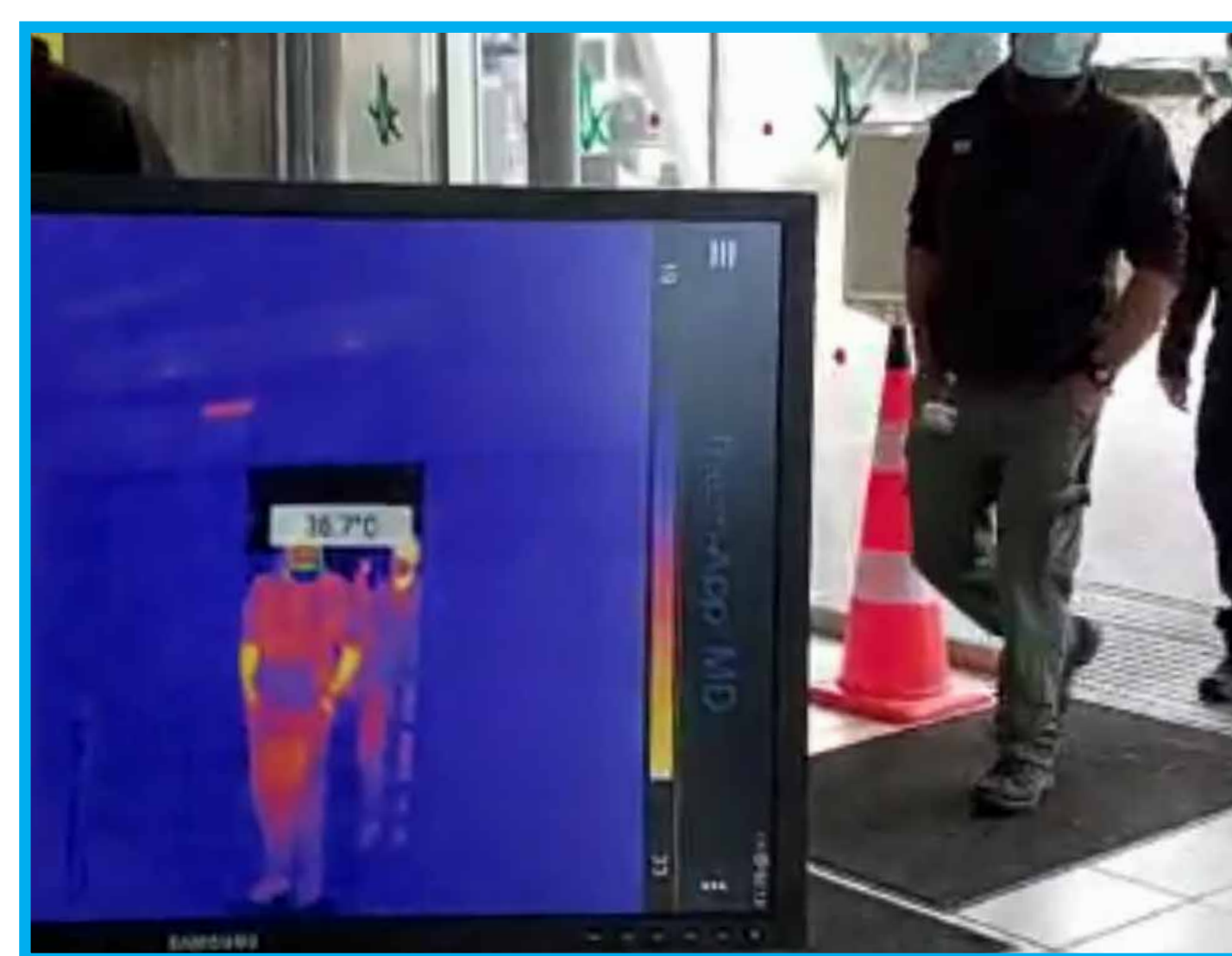
About us

A key player in the global electro-optic market, OPGAL provides tailor-made infrared imaging systems and 24/7 surveillance solutions since 1983.

Decades of R&D and a highly versatile product-line, make us a one-stop-shop for any security or defense project utilizing thermal imaging systems.

In 2003, OPGAL was among the first on the market to employ thermal imaging cameras to measure the skin temperature of people passing through SARS-affected regions. People exhibiting elevated skin temperatures, which may indicate a fever, could then be isolated for further evaluation to determine the cause.

Similar quarantine procedures may help minimize the spread of the Coronavirus outbreak. ThermApp MD is a vital tool for elevated body temperature (EBT) detection in high-risk areas.



TODAY
CONTACT US

For full technical specifications and pricing, email us at info@opgal.com

Disclaimer: ThermApp MD does not detect fevers or illness in any way. It is not a medical diagnostic tool, and has not been approved by a medical professional. Any individual tested and flagged should be double checked with an approved medical device.