

The Thermal Imaging Authority.

2021 Company Overview



Thermal Imaging for the Masses.



Cape Thermal is a thermal imaging company specialising in the distribution and implementation of products and solutions which harness the power of thermal imaging technologies.



Why Thermal?

Popularised in the 1960s for military use by the USA, thermal imaging has been an important tool for professionals for more than 50 years. Here are some reasons why:

- Allows measurement temperatures more efficiently from a safe distance.
- Find potential faults early and avoid downtime when using thermal imaging for predictive maintenance.
- Thermal cameras are immune to visual limitations and low-light scenarios.

Background:

Thermal imaging is simply a means of observing thermal radiation (heat) in the far-infrared portion of the electromagnetic spectrum. The first infrared sensitive camera was invented in 1929 by Kalman Tihanyi.

About

Company Contact Info:

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Cape Thermal complies with the Wassenaar arrangement.

Background information:

Cape Thermal (PTY) Ltd is a South African company headquartered in Cape Town. Originally established as a thermal imaging SaaS solutions provider, Cape Thermal has grown to include consumer thermal imaging and security solutions as part of its overall service offering.



CAPE THERMAL

Key Vertical Departments

Consumer Thermal Optics

*Thermal Imaging
technology aimed for
consumer and professional
use cases. - Page 6*

AI Condition Monitoring

*Intelligent thermal
monitoring solutions for
mission critical
infrastructure. - Page 7-8*

Smart Intruder Detection

*Perimeter intrusion
detection harnessing the
power of thermal image
analytics. - Page 9-11*

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Consumer Thermal Optics

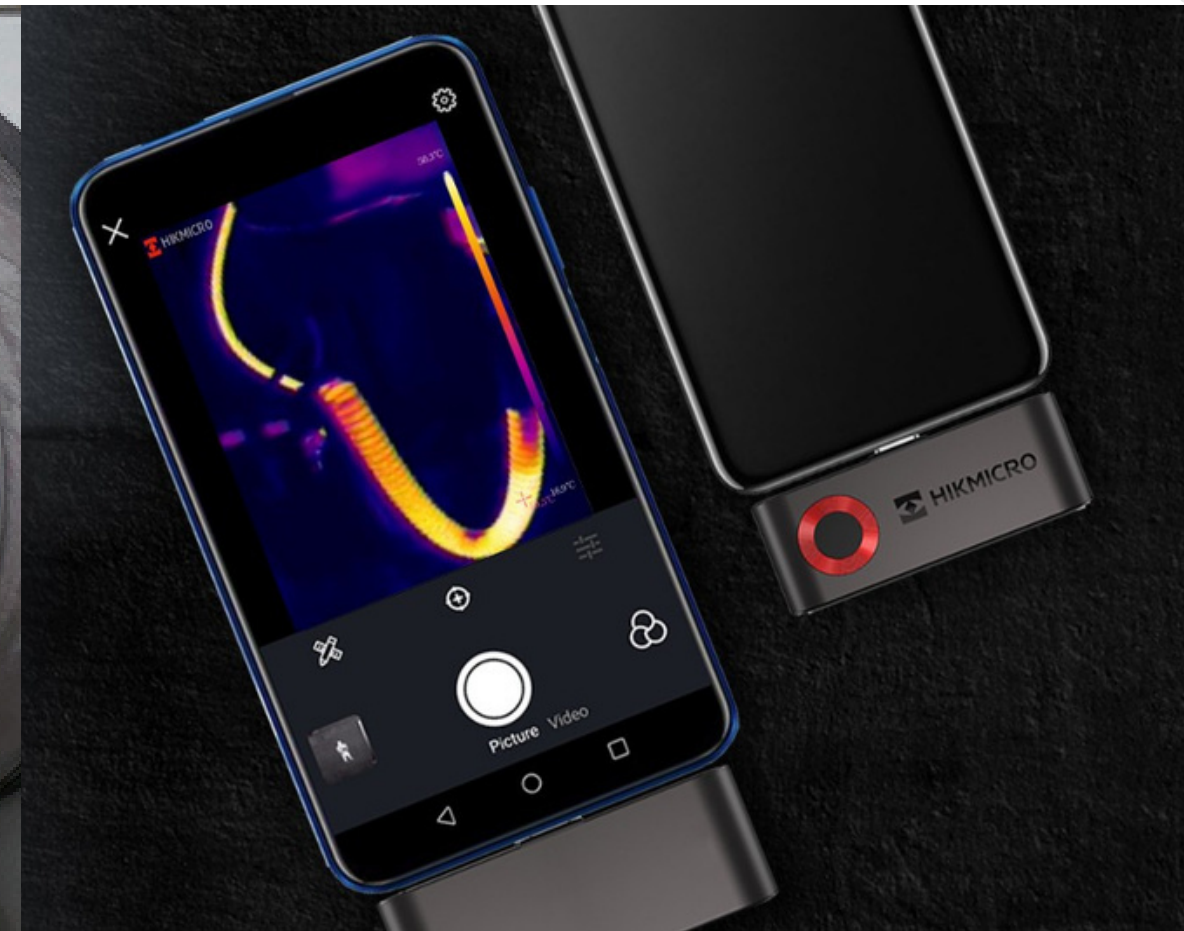
Whether you're an avid outdoor enthusiast, technical tradesperson, or if you pursue hunting as a hobby, Cape Thermal has a handheld thermal imaging device for you. Contact our sales team for assistance in selecting the perfect device for your application requirements. Visit shop.capethermal.com or contact us for more information. Visit shop.capethermal.com



Handheld Thermal Imaging: Aimed at security guarding, hunters, and outdoor enthusiasts. Buy thermal imaging monoculars, binoculars, and rifle scopes both on and offline



Handheld Thermographic Cameras: For more effective predictive and preventative maintenance. Ideal for those looking for quantitative temperature data on important infrastructure.



Smartphone Thermal Cameras: Ultra-lightweight and cost-effective USB thermal imaging modules for mobile devices. A must-have addition to any professional toolbox.



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Condition Monitoring

Thermal condition monitoring systems effectively identify issues in industrial environments before they become a problem.

Continuous temperature monitoring enables insightful process optimization, timely preventative maintenance, and faster identification of hazardous issues.

About

Cape Thermal as an IoT company is focused on a singular goal: **Stop breakdowns that cause shut-downs.**

Protect your investment

Stop breakdowns before they stop you.

Leverage the disruptive potential of IoT and thermal data analysis to turn your devices into proactive participants in their own maintenance. Cape Thermal designs and implements scalable 'always-on' infrared solutions that detect abnormal temperature changes in equipment before they're too late to repair.

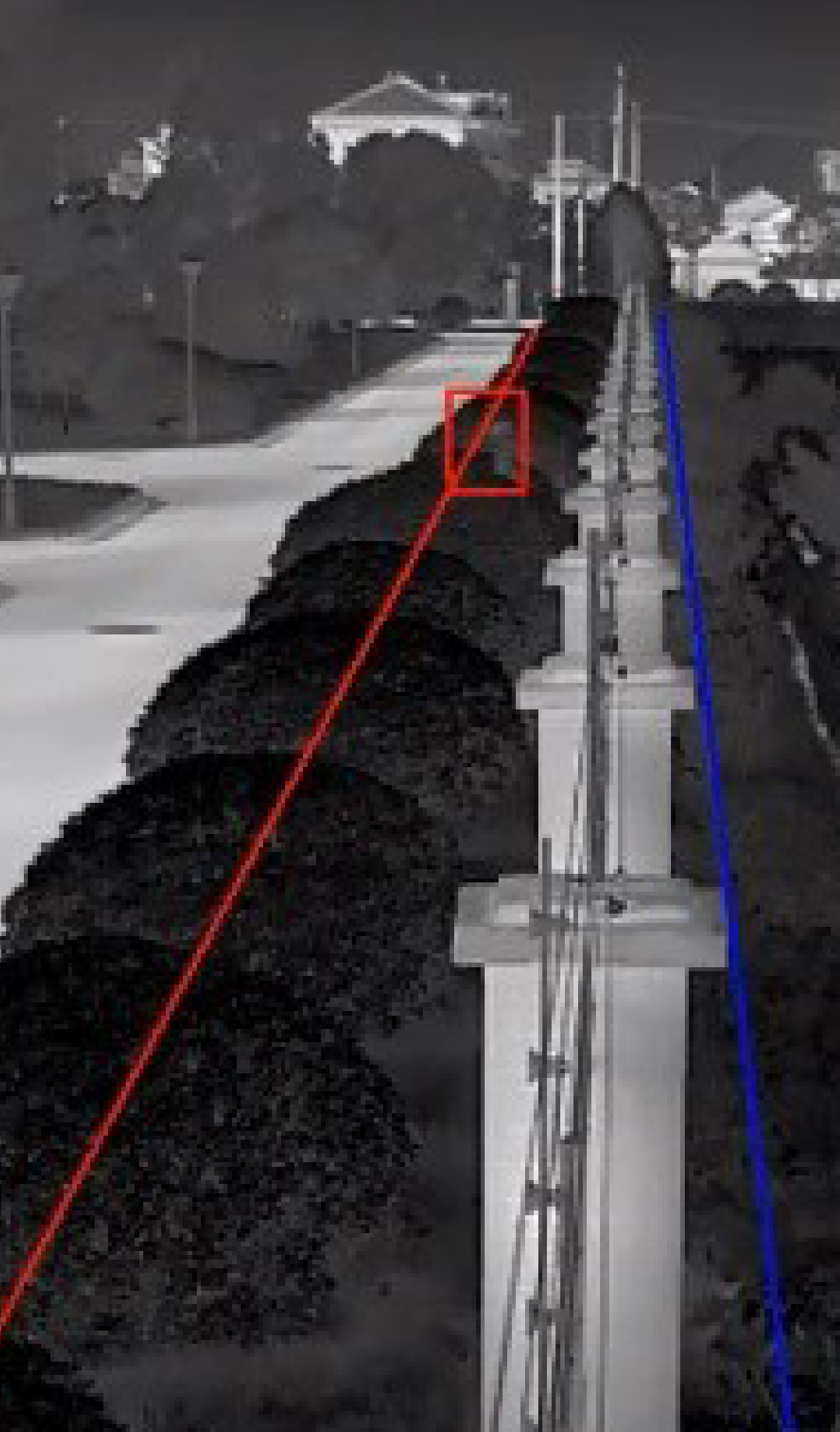
Cape Thermal offer out-of-the-box deep learning VMS (video management system) solutions or bespoke machine learning software-as-a-service depending on your application requirements. Our systems can be hosted securely on-site or in the cloud.



CAPE
THERMAL
Condition Monitoring


www.capethermal.com





Smarter Intrusion Detection

Thermal imaging systems are fast becoming an integral component layer of any greater perimeter intrusion detection system. Thermal cameras cover a far greater distance than traditional optical cameras and can detect heat in any ambient lighting or weather condition. Thermal imaging prevents would-be intruders from camouflaging their presence using darkness or foliage. *Cape Thermal provides intelligent perimeter security systems that safeguard entire sites whilst reducing the requirement for physical patrolling.*

CAPE 
THERMAL
Intruder Detection

Managed Thermal Security Systems

Stop false alarms | efficient unmanned intruder identification

Your perimeter is your first line of defence. Cape Thermal helps prevent would-be intruders from going unnoticed while drastically reducing the occurrence of false alarms.

Cape Thermal provide automated smart thermal intruder detection systems that harness the power of image analytics to monitor your entire perimeter. Cape Thermal also offers integration services that leverage the capability of your existing security infrastructure. Reduce your reliance on physical guarding while increasing the effectiveness of your perimeter protection measures.



Thermal Data Analytics

Image Analytics form the basis of a smarter security system. Cape Thermal provide scalable and integrated machine monitoring solutions which can also be used to manage the compatible security infrastructure of your entire site.

Integrated Security

Cape Thermal provide integration with existing security infrastructure. Our thermal security solutions can be leveraged to direct PTZ cameras or to dispatch unmanned aerial vehicles to an exact intruder location.

Cloud & On-Site Solutions

Versatile thermal perimeter intrusion system solutions hosted in the cloud or at a secure location on site. Cape Thermal provide individualized whole-site security management solutions designed for your data protection strategies.

Whole-site Security

Cape Thermal consult on the design, planning, and implementation of entire security and network infrastructure systems. Speak to us about your converged security system provider requirements.

Security-as-a-Service

Are you looking for guaranteed 'always-on' security? Cape Thermal can implement fully managed and maintained thermal security solutions for a fixed monthly fee. Protect your assets while controlling costs & reducing downtime.