FLEX

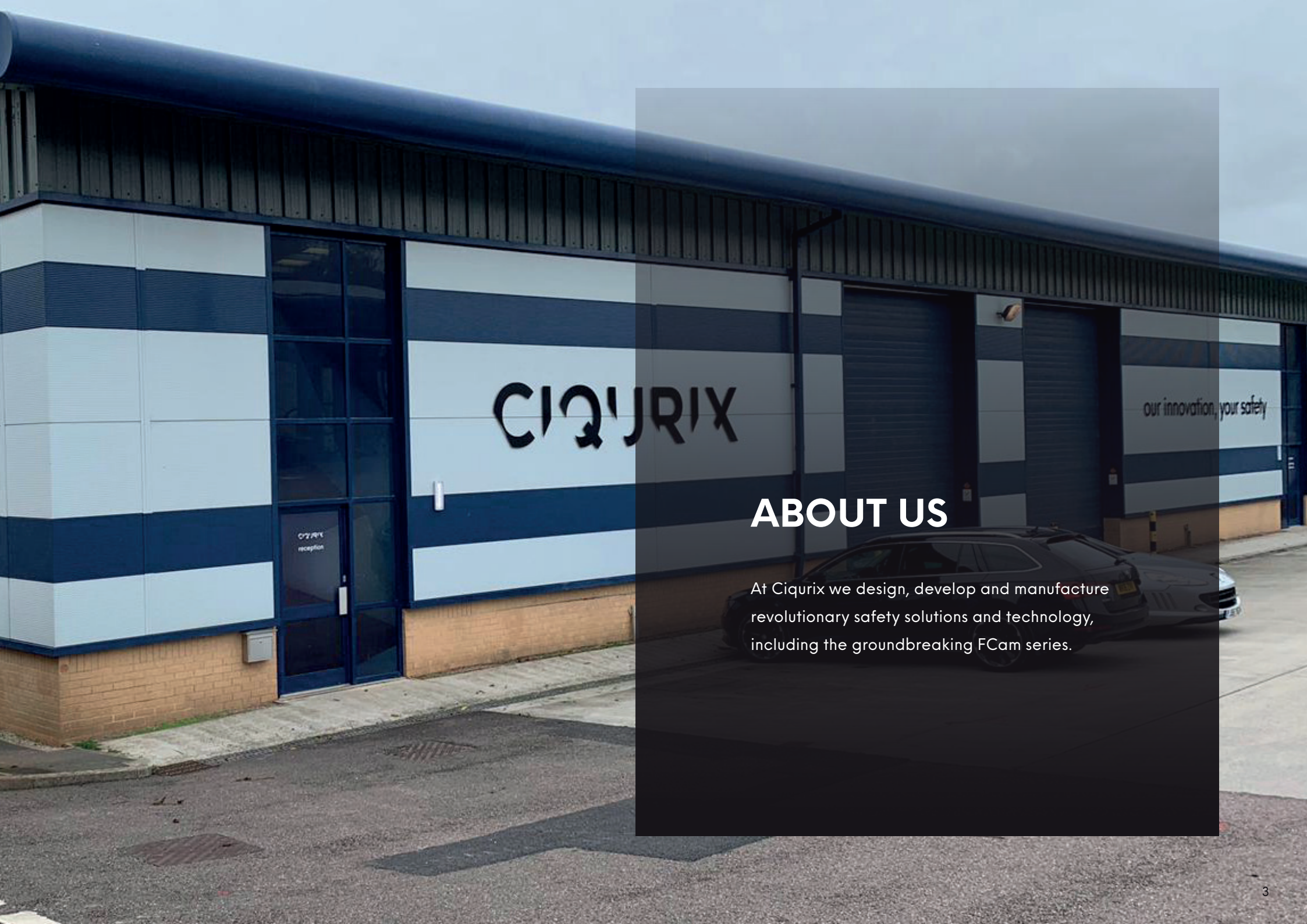
THE ULTIMATE IN FIRE DETECTION TECHNOLOGY

CIQURIX

ciqurix.com

BECAUSE TOMORROW IS TOO LATE...

The basic principles of standard fire detection technology have not changed for fifty years. These traditional systems are suited to many situations, but in challenging environments they are either unreliable or wholly ineffective. Ciqurix video fire detection changes this. Instead of waiting for combustion particles or heat to reach a detector, our video fire detection uses multi-sensor cameras and analytic technology to see and recognise a fire starting within seconds.



ABOUT US

At Ciqurix we design, develop and manufacture revolutionary safety solutions and technology, including the groundbreaking FCam series.

A BETTER WAY TO PROTECT YOUR WORLD...

DETECT MULTIPLE FIRES IN SECONDS

SEE FIRE AT UP TO 180 METRES

BOTH INDOORS & OUTDOORS

ALL LIGHT LEVELS - DAY & NIGHT


CAN YOUR CURRENT FIRE PROTECTION
SYSTEM DO THAT?

THE SOLUTION
THE FCAM SERIES

The Ciqurix FCam Series is a revolutionary fire detection solution, combining infrared and visual feeds with built-in algorithms creating the most accurate and reliable fire detection solution available today. Able to detect a semi-concealed 40cm pan fire at 180m and a lighter flame at 10m in under ten seconds, inside or outside, day or night in all weathers, the FCam is so sensitive that it is able to dramatically cut vital response times. Our system turns a potential disaster into a harmless incident.

OUR CUSTOMERS

WHY FCAM?

Modern buildings are continually increasing in size and complexity, raising significant challenges for traditional fire detection methods. Modern, future proof buildings need a modern and future proof fire detection system - one designed for (and in) the 21st century. Industrial processes mean that smoke detectors and other standard fire detectors are rarely appropriate because they are easily contaminated and often triggered by dust, dirt, fumes or moisture. Heat detectors are slow to operate, easily confused by machinery and are triggered too late to allow useful intervention. Temperature probes and thermal detection technology have some limited use, but they are complex to set up, use and maintain and prone to false alarms. Spark, infrared and ultraviolet flame detection also have some uses, but are restricted to close range detection. CCTV visual flame detection, the most modern and cutting-edge solution on the market, can give early warning of a confirmed fire over large distances.

The Ciqurix FCam system will detect a fire at its inception and immediately raise an alarm. It uses a combination of visual and InfraRed image processing analytics to locate small fires up to 180m distance in just a few seconds.

The FLEX system is designed for supplemental applications; for primary detection applications check out the Ciqurix CORE system which is designed to enable compliance with BS5839-1.

As the FCam system is able to integrate seamlessly into any existing fire alarm and/or CCTV system, or can stand alone, it is able to generate an alert in the way most suited to you and your business – be that a traditional fire alarm, an alert sent to a monitoring centre or even a notification on your phone. If required, the FCam system can be set up to instantly notify staff on site, responders off site and the Fire and Rescue Service and any key stakeholders. It is this level of versatility that has attracted users from an increasing variety of industries and countries. At this moment FCams are protecting tourism sites in Norway, agricultural plantations in Malaysia, waste sites in Australia, sawmills, bakeries, airports, construction sites and many more facilities all over the world. Cost effective, simple to use, and with proven reliability - why would you not use the Ciqurix FCam to limit your exposure to the damaging effects of fire on your site? **For more information contact Ciqurix today. We will provide a detailed design for your site using state of the art 3D CAD modelling software to ensure all angles are covered. We work with your existing fire/security/ CCTV installer, or we can recommend an approved local installer. Ciqurix provides post-sales care and product-specific training to ensure that your people and your businesses are fully protected by the most reliable, accurate and versatile fire detection system ever.**

FCamX
FEATURES

FIRE DETECTION
indoor and outdoor

DETECTION TIME
< 15 seconds

TECHNOLOGY
dual lens detection

MAX DETECTION RANGE
180 metres

FCamSolo
FEATURES

FIRE DETECTION
indoor

DETECTION TIME
< 15 seconds

TECHNOLOGY
dual lens detection

MAX DETECTION RANGE
80 metres

FCamEX **FEATURES**

FIRE DETECTION
indoor and outdoor

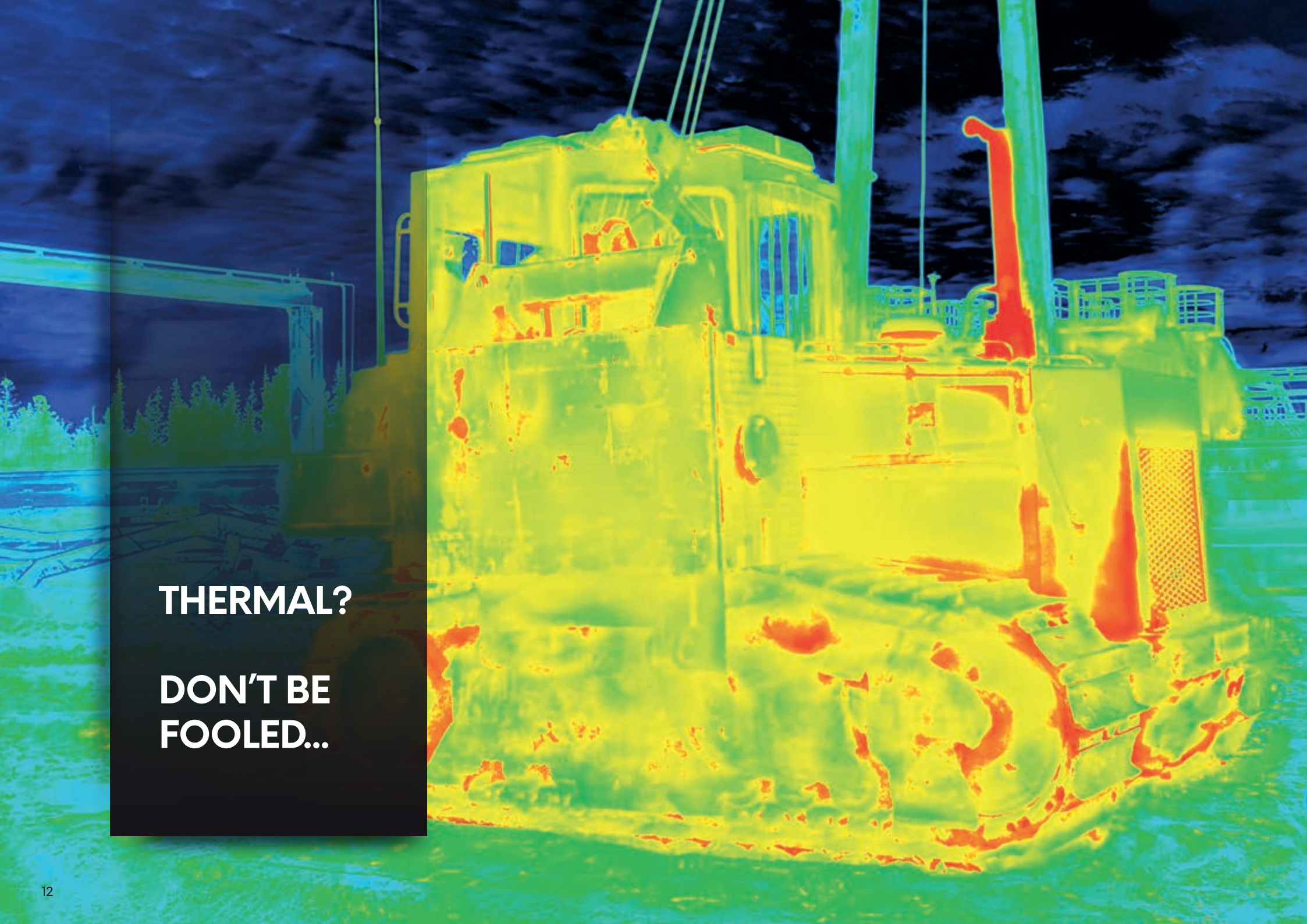
DETECTION TIME
< 15 seconds

TECHNOLOGY
dual lens detection (EX)

MAX DETECTION RANGE
180 metres

FCamController **FEATURES**

The FCamController monitors the status of the FCam network and communicates alarm events and camera status to the outside world. It also allows remote reset of camera alarms. Normally used with one or more FCam I/O Modules to provide remote inputs and volt-free outputs from the FCam network.



THERMAL?

DON'T BE FOOLED...

CHOOSE THE SUPERIOR

The FCam series is not a thermal camera. Thermal cameras are specifically designed to detect changes in temperature, and were not invented with fire detection in mind. As changes in temperature are frequent and usually not caused by fire, false alarms on a 'thermal fire detecting camera' are commonplace. Additionally, thermal cameras are generally set to alert if they detect that a temperature is between certain lower and upper limits. Flames can often start at a temperature below that range, and the alarm will only be triggered when a fire has spread and raised the temperature, by which time it may be too late to respond and prevent **catastrophic consequences...**

LIVE IMAGE

Unlike the thermal cameras, the FCam system produces a live video feed, so fires are easy to identify. The live pictures can also give emergency services a full understanding of the extent of the fire and any nearby hazards.

SUPERIOR DETECTION

The FCam series detects flame. This means that, unlike thermal cameras, it is looking only for genuine fires rather than a change in temperature which may or may not be a risk.

SPEED

The FCam is unrivalled in detection time. Typically an FCam system is able to detect a flame in under 10 seconds, a huge improvement on the response time of more traditional fire detection methods.

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