



CDRE

THE ULTIMATE

IN VIDEO FIRE DETECTION TECHNOLOGY

CIQURIX

www.ciqurix.com



TECHNOSWITCH
FIRE DETECTION & SUPPRESSION

www.technoswitch.co.za

ABOUT **US**

At Ciqurix we have been designing, developing and manufacturing innovative, revolutionary video fire detection since 2012. We are a UK company with a global distribution network, enabling fire detection in industries and environments where traditional systems are inadequate.

FIRE DETECTION HAS **EVOLVED**



Insurance approved
Meets fire standards
Efficient and reliable



BECAUSE **TOMORROW** IS TOO LATE...

Our CORE system brings fire detection to areas that were previously unprotectable, providing versatility, reliability and accuracy. Instead of waiting for combustion particles or heat to reach a detector, our video fire detection uses multiple sensors and complex analytic technology to see and recognise a fire starting within seconds.

A BETTER WAY TO **PROTECT** YOUR **WORLD**



**DETECTS MULTIPLE
FIRES IN SECONDS**



**ALL LIGHT LEVELS
- DAY & NIGHT**



**BOTH INDOORS
& OUTDOORS**



**SEE FIRE AT UP TO
180 METRES**

WE PROTECT





HARD TO THE CORE.

CORE is a fire system which provides primary fire detection using multi-spectral video analytics onboard each detection device. It is designed for compliance to BS5839-1 (UK fire standard), uses fire-rated cabling, and will continue to operate from its internal battery supply for over 24 hours during power failure.

Each device on a CORE system connects directly to a CORE Hub with fire-rated cable using the Ciqurix QLS protocol. Individual camera feeds are made available for recording and onward transmission via 3rd party CCTV equipment.



The CORE system is the only video fire detection product that operates and functions as a recognised fire system, providing businesses around the globe peace of mind and a product that complies with fire standards.

WHY CHOOSE FCAM CORE

Traditional fire detection methods are facing significant challenges and failing to adapt. Buildings are increasing in size and complexity, industrial processes are no longer an excuse for slow or non-existent detection, and environmental concerns are necessitating fire detection in areas that were previously ignored.

The Ciqurix FCam detects a fire at its inception and immediately raises an alarm. Using a combination of visual and infrared image processing analytics, even small flames are located and detected over large distances in seconds. The CORE system will rapidly detect fire almost anywhere. It is unaffected by dust, dirt, fumes, moisture, light levels, or temperature.

FCam CORE integrates seamlessly into other systems (fire alarm, automatic suppression, remote monitoring, cctv, etc) and can generate alerts in the way most suited to you and your business.

Ciqurix systems are protecting facilities all over the world. Cost effective, simple to operate, and with proven reliability - why would you not use the FCam to limit your exposure to the damaging effects of fire?





OUR STORY

Back in 2007 two friends from different sides of the world, Alan Boyd and Cao Lin, met to discuss an idea they'd had to detect fire using a cctv camera. After five years of development, multiple trips between Chengdu and Liverpool, and more than a few dead ends, they formed Spotfire Ltd and released the first FCam in 2013.

By 2018 the FCam had evolved into a fire system rather than just a camera, the analytics improved dramatically, and the company rebranded as Ciqurix. Investment saw expansion and new faces, with new global headquarters in the UK and a regional office in Singapore. Alan's share of the business passed to his son James, who brought in Paul (our CEO) and most of the current team.

Since then we have grown distribution networks in Europe, Australia, Africa and Southeast Asia, and expanded across multiple sectors in the UK. We are a forward-looking company, and we continue to listen closely to system integrators, installers and end users, evolving our products to meet industry requirements.

We provide comprehensive design support, training, commissioning, and post-sales care, to ensure that your people and your businesses are fully protected by the most reliable, accurate and versatile fire system available.

THE CORE LINE



SOLOFP

ENVIRONMENT indoor only

DETECTION RANGE up to 100 metres

OPTIONS semi-concealed, custom finish

POPULAR APPLICATIONS large atria, transport & logistics, trading floors, distribution centres, manufacturing, social housing



XFP

ENVIRONMENT moisture / dust / outdoors

DETECTION RANGE 180m indoor / 80m outdoor

OPTIONS air clean, extra low temperature

POPULAR APPLICATIONS airside & airport terminals, waste & recycling, construction, distribution centres, frozen storage, power generation



EXFP

ENVIRONMENT explosive areas (ATEX)

DETECTION RANGE 180m indoor / 80m outdoor

OPTIONS custom length approved cabling

POPULAR APPLICATIONS waste & recycling, chemical plants, oil & gas, palm oil refineries, chemical distribution & storage, power generation



XCRFP

ENVIRONMENT high corrosion risk (316L)

DETECTION RANGE 180m indoor / 80m outdoor

OPTIONS extra low temperature

POPULAR APPLICATIONS waste & recycling (dockside), marine, coastal sites, chemical handling areas, manufacturing



CORECONTROL

CORE Control Hub - The central point for the CORE system which provides power, control and interface functions for CORE devices. Supports up to 6 CORE devices directly, and up to 128 with the use of Extension Hubs.

Meets the requirements of BS5839-1 (UK fire standard). Designed specifically for use with fire-rated "FP" data cable and provides over 24 hours backup supply in power failure.

CORE Extension Hubs - Each adds capacity for an additional 4 or 8 CORE devices to the system. Linked to the Control Hub via FP data cable, fibre-optic, or wirelessly.

CORE I/O Module - Allows additional granularity of alarm reporting to other systems. Provides straightforward linking to fire systems, fixed suppression, water cannons, remote monitoring, and many other systems.

BOOK YOUR DEMO TODAY
CALL +27 (0) 11 794 9144



Cussonia Park, 3 Ridge Road, Laser Park, Johannesburg T +27 11 794 9144
Cape Town T +27 21 948 4575 | Durban T +27 31 266 8843
E info@technoswitch.co.za | www.technoswitch.co.za | South Africa

CIQURIX