

FlameSmart

The Future of Fire Response



FlameSmart

🔍 Fire Detection

Round-the-clock thermal monitoring using advanced HD FLIR cameras and real-time processing.

Detects early-stage ignition often before visible flame develops.

🧠 AI Coordination

At the heart of FlameSmart is advanced AI image recognition software, purpose-built for waste and industrial fire environments. It minimises false alarms through intelligent thermal verification, manages multiple heat events within the coverage zone, and guides water application toward the detected heat source in real time.

📢 Alerts

Verified fire events trigger immediate alerts to designated contacts and can be configured to notify emergency services via SMS.

💧 Fire Control Response

FlameSmart integrates Elkhart Brass EXM2 industrial monitors, delivering high-flow, directed water application across the coverage zone. Water application is typically initiated within seconds of detection to assist in limiting early fire growth.

✅ Why FlameSmart?

- Lower upfront & ongoing costs compared to traditional systems
- Independent operation - continues operating if comms interrupted
- Optional integration with security and monitoring systems (human-in-the-loop)
- Wall-mounted design minimises floor space impact
- Automated system checks support continuous readiness
- Designed with the safety of people and property in mind

🔒 Built In Confidence

FlameSmart provides intelligent, rapid fire detection and control, forming a critical layer of fire risk reduction for valuable assets and infrastructure.



SPECIFICATIONS

MODEL	FS-A50EXM2
MAX REACH / FLOWRATE	65m / 2800 LPM*
MAX PRESSURE	3,440 kPa*
TRAVEL	V: -45° to +90° H: L/R 350°
EXTINGUISHING MEDIUMS	Water / Foam & Water
INLET	65mm Storz connected to fire mains
VOLTAGE	240VAC/12VDC

* Depending on local fire mains supply.

"Industry-proven equipment, coordinated by advanced AI fire detection and control."

