



**FIRE PROTECTION  
FOR PEOPLE AND PROPERTY**

**Kidde Sentinel™**

 **Kidde Fire Systems**

[www.kiddefiresystems.com](http://www.kiddefiresystems.com)

# Kidde Sentinel™

The Kidde Sentinel system has been developed with exacting standards in mind. The Kidde Sentinel system builds upon our long history of providing reliable and highly effective fire protection. Suitable for use in a wide range of applications and industries the Kidde Sentinel system has been designed and tested to endure the most rugged of environments. From forestry applications, steel mill operations, surface and underground mining the Kidde Sentinel system provides a fully integrated fire protection solution to meet the most challenging of fire hazards.

Employing today's most trusted infrared detection technology together with a comprehensive range of traditional heat detection products the new Kidde Sentinel system employs a state of the art control architecture that provides maximum reliability with a wide range of standard features. The control and detection system is part of an integrated package that includes the first of its kind environmentally friendly wet agent in addition to our high performance multipurpose dry chemical agent. Our unique wet agent, AquaGreen XT™, is environmentally non reportable and can be employed in both primary and secondary fire fighting applications. Engineered to operate down to -40 degrees Fahrenheit (-40 degrees Celsius), AquaGreen XT quickly and rapidly extinguishes even the most challenging flammable liquid fires, typical of hydraulic and fuel system leaks. For the ultimate protection wet and dry agents can be combined in a sequential discharge.

Systems are custom designed to suit your specific vehicle requirements and the hazards faced in your operating environment. When it comes to protecting your people and equipment there is no compromise.

Protect your operations from downtime and your critical assets from fire damage — with the Kidde Sentinel system. From the smallest loader to the largest draglines and excavators you can count on Kidde Fire Systems, leading the way since 1917.



Proven IR-1A and DAF Detection



SA1 Standard Control, IP66/ NEMA 4X



Sentinel NET, fully supervised and expandable



New balanced pressure valve



Remote System Actuator: Electric and Manual



LHS™ Detection cable and interface





## Sentinel™ Standard SA1

Standard in name only, the Sentinel SA1 control based system raises the bar for the protection of small to medium sized vehicle/machine assets. The perfect blend of performance and value provides dependable protection for Feller Bunchers, Shredders, Dozers, Tractors, Loaders and virtually all of the vehicles in your operation. Single discharge of wet agent (AquaGreen XT™) or dry agent (multipurpose dry chemical) provides the right protection for your hazard.

- The SA1 control is a fully integrated control unit in a robust aluminum enclosure
- AquaGreen XT superior protection against class A combustibles and class B hazards
- Pre-configured wiring systems for fast and effective installation

## Sentinel Advantage NET

Advantage Kidde. The next level of protection is built around the Sentinel NET control system. The Sentinel NET is a fully featured system consisting of a rugged user interface with an adjustable brightness display. The Sentinel NET allows the system designer to employ sequential discharges chosen specifically for your hazard. State of the art suppression technologies are coupled with Kidde IR-1 infrared detection, and traditional heat detection devices to round out a comprehensive package to meet the most demanding fire protection needs.

- Programming via keypad or USB connection to laptop, event logging
- Industry leading IR-1 with demonstrated false alarm performance and dependability
- Multiple discharge options, dry - wet, dual dry and dual wet

## Sentinel Ultimate NET

For the most demanding of applications the Sentinel NET system can be expanded to include six control units with up to two interface units. This allows the fire protection system on the largest shovels, excavators, drag lines or fixed assets to be protected using a single integrated network with multiple detection and suppression zones. For electrical hazards in enclosed spaces the Kidde FE-13™ clean agent system can be combined on the network with AquaGreen XT wet agent for vulnerable mechanical systems.

- Largest capacity integrated and ruggedized system on the market
- Multiple agents for extreme environments; clean agent (gas), wet chemical and dry chemical
- Fast and efficient installation with common network and pre-wired/terminated cabling

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The Kidde network of fire protection professionals serve a wide range of industries including mining, forestry, waste management and construction segments. Backed by Kidde's worldwide resources, your local Kidde professional provides a complete range of cost-effective solutions to all your vehicle fire protection challenges.



**FIRE PROTECTION SURVEYS.** Whether it involves a shovel, an ore hauler, a conveyor system or an electric control room, your Kidde professional analyzes the fire hazard potential and recommends the best way to protect your people and equipment for the least expense.

**SINGLE-SOURCE SUPPLY.** As the direct link to Kidde's entire range of fire detection, alarm, control and suppression systems, your Kidde professional offers the right combination of Kidde fire protection solutions to meet your needs.

**PROFESSIONAL INSTALLATION.** Your Kidde professional is trained to install Kidde Sentinel™ systems in accordance with established standards, on-time, on-site and with a minimum amount of disruption to your mining operations.

**RESPONSIVE SERVICE.** From training your people and recharging your Kidde systems to 24/7 emergency service, your Kidde professional has the talent, tools, genuine Kidde parts and commitment to protect your Kidde investment.

To locate your local Kidde professional to learn more about Kidde Sentinel, visit: [www.kiddefiresystems.com](http://www.kiddefiresystems.com) and click on Find a Distributor or Contact Us.



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