

## SDES SMOKE DETECTOR

The SDES Smoke Detector is a cutting-edge device designed for effective smoke detection, making it an essential tool for enhancing safety in homes, offices, and industrial settings. Its sleek design allows for seamless integration into any environment, providing real-time alerts to keep users informed and secure.

Featuring a highly sensitive heat sensor, the SDES Smoke Detector excels in identifying smoke presence that indicates potential fire hazards. The smoke detection capability ensures that users are alerted promptly in the event of smoke, allowing for swift action and improved safety. This reliable performance gives users peace of mind, knowing their spaces are being actively monitored.

With a user-friendly interface, the SDES Smoke Detector easily integrates with various smart home platforms. A dedicated mobile app enables effortless configuration and instant alerts, empowering users to monitor their environment from anywhere. This connectivity enhances user experience and ensures that safety is always a priority.

Durable and versatile, the Smoke Detector is perfect for a wide range of applications, from residential safety to industrial compliance. Its robust construction ensures reliable performance in various conditions, making it a trusted choice for any setting. With this advanced technology, users can create safer environments that prioritize security and well-being.



PROTECTION FOR TODAY

Areas of Use	Feature and benefits
<ul style="list-style-type: none"> <li>• Power stations and petroleum and gas stations</li> <li>• Commercial Buildings</li> <li>• Hotels</li> <li>• Tank ships and other vessels</li> <li>• Apartment</li> <li>• Storage of oily products Oil and gas industry LNG/PNG processing and</li> <li>• Offshore Platforms</li> </ul>	<ul style="list-style-type: none"> <li>• Automatic and Manual self check for any internal component failure.</li> <li>• Dual Color Status LED</li> <li>• Immune to false alarms</li> <li>• Ultra Fast Response Time</li> <li>• Optical Smoke Detection</li> <li>• Internationally Certified</li> <li>• Different sensitivity modes</li> <li>• Dual LED, for 360 degree visibility</li> <li>• RS-485 &amp; DIP Switch Address Setting</li> <li>• ES-Rapid Addressable Protocol ©</li> </ul>

<b>Specification</b>	
<b>Operational Characteristics</b>	
Voltage Supply	24 VDC (18-32 VDC)
Power Supply	<500uA on Standby/<5mA Alarm Current
Communication	Addressable (ES-Rapid Protocol ©)
<b>Operational Characteristics</b>	
Operating Temperature	20C to +60C.
Built In Test	Automatic & Manual
Humidity Range	10-95% RH (Non condensing)
Relative Humidity	0 to +95% RH
Ingress Protection:	IP42/44
Indication:	2x 3 colour LED (normal, fault, alarm indication)
Sampling Frequency	Continuous
Sensor Type	Optical Smoke Detection
Sensitivity	0.5-4% per foot-obscuration
Ex Marking	Ex ia IIC T4 Gb
<b>Mechanical Characteristics</b>	
Material	Flame Retardant Polycarbonate
Wiring	12-22 AWG
Weight	125 g

### Certification

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UL 864 (10th Edition)  
Control Units and  
Accessories for Fire  
Alarm Systems