

HDES HEAT DETECTOR

The HDES Heat Detector is a cutting-edge device designed for effective heat 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 HDES Heat Detector excels in identifying temperature changes that indicate 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 HDES Heat Detector easily integrates with various smart home platforms. A dedicated 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 HDES Heat 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.



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

Specification	
Operational Characteristics	
Voltage Supply	24 VDC (18-32 VDC)
Power Supply	<500uA on Standby/<5mA Alarm Current
Communication	Addressable (ES-Rapid Protocol ©)
Operational Characteristics	
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	Rate of Rise (ROR) & Fixed Point Temperature
Ex Marking	Ex ia IIC T4 Gb
Mechanical Characteristics	
Material	Flame Retardant Polycarbonate
Wiring	12-22 AWG
Weight	125 g

Certification



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