

# HD-9ZW Heat Detector

## Combined Fixed and Rate-of-Rise Temperature Detection



HD-9ZW is Z-Wave enabled heat detector with both rate-of-rise and fixed temperature sensors. Adopting Z-Wave as its communication protocol, the detector is compatible with any Z-Wave devices and Z-Wave mesh networks.

HD-9ZW triggers a 95 dB alarm when room temperature rises above the threshold value of 57°C, or when the rate of temperature rise is greater than 8.3°C per minute. The intelligent design allows appropriate actions to be taken to eliminate potential fire hazards. It is most suitable for environments where rapid fire development can be expected.

### Features

- Offers a combination of fixed temperature and rate-of-rise temperature detection
- Fixed temperature detection: Triggers alarm when room temperature rises above 57°C (134.6°F)
- Rate-of-rise temperature detection: Triggers alarm when the rate of temperature rise is greater than 8.3°C (46.94°F) per minute
- Excellent stability and high sensitivity
- Regular supervision signals for trouble-free system integrity checking
- Automatic low battery warning
- A test button provided for proper function testing
- Built-in alert siren
- Alarm Volume: 95 dB @ 1 meter

### Specifications

Communication Protocol	Z-Wave Plus 500 series module
Frequency	868.40 MHz (EU) / 908.40 MHz (US)
Power Source	AA Alkaline batteries x 3
Battery Life	3 years*
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	Ø105 x 42mm

\* Note: The actual battery life may vary with product settings, usage patterns and operating environment.