

# TWD-1850

Wireless Multi Detector (Smoke and Heat)



TWD-1850 Wireless Multi Detector offers excellent wireless solutions with wide coverage and long-term battery life, especially in places where wiring is costly or impossible.

The wireless multi detector offers different types of detection options in a single detector. In this way, the confusion caused using detectors with different product codes in projects is prevented, and different types of detection needs are provided with software settings to be made in a single detector.

## GENERAL FEATURES

- EN54-5, EN54-7 and EN 54-25 Certified
- Approx. 500mt Wireless Coverage (Open Area)
- 8 Years Battery Lifetime with Two CR123A Battery
- Different Type of Detection in a Single Detector;
  - o Only Optical Smoke
  - o Only Fixed Heat
  - o Only Heat Rise
  - o Smoke and Fixed Heat
  - o Smoke or Fixed Heat
  - o Smoke and Heat Rise
  - o Smoke or Heat Rise
- Special software algorithms to eliminate false alarms
- Easy to Clean Smoke Chamber

Technical Specifications	TWD-1850
Standard	EN54-5, EN54-7, and EN54-25
Operating Frequency	868 mHz
RF Power	14dBm (25mW)
Number of Channel	10
Coverage	500mt (Open Space)
Battery	8 Years With 2X CR123A Battery
Consumption	25uA
Detection Types	Smoke Fixed Heat Heat Rise Smoke and Fixed Heat Smoke or Fixed Heat Smoke and Heat Rise Smoke or Heat Rise
Smoke Detection Level	H:0,12 – m:0,15 – I:0,18 dB/m
Heat Detection	A2S, A2R
Operating Temperature	-10°C ~ 70°C
Dimensions (mm)	Ø109,6- h48,1
Weight (With and Without Base)	183 gr / 125 gr
Humidity	95% RH
Protection Class	IP30

