

TWD-1950

Wireless Multi Detector

TWD-1950 Wireless Multi Detector offers excellent wireless solutions with wide coverage range 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

- TLPWAN Low Power, Two-Way Safe and Stable Wireless Communication Protocol
- EN54-5, EN54-7 and EN 54-25 Certified
- Bi-directional Wireless Communication
- Approx. 1250 m. Wireless Coverage (Open Air)
- Up to 8 Years Battery Lifetime with 2 x CR123A Battery
- Adaptive Power Management Algorithm for Ultra Low Power
- Different Type of Detection in a Single Detector:
 - o Only Optical Smoke
 - o Only Fixed Heat
 - o Only Heat Rise
 - o Smoke and/or Fixed Heat
 - o Smoke and/or Heat Rise
- Special software algorithms to eliminate false alarms
- Easy to Clean Smoke Chamber
- Pollution Algorithm and Warning
- Low Battery and Tamper Warning

EN 54-5

EN 54-7

EN 54-25

Technical Specifications

	TWD-1950
Standard	EN54-5, EN54-7, and EN54-25
Operating Frequency	868 MHz
Radiated Power	Max. 14dBm (25 mW)
Number of Channel	10
Coverage	Up to 1250 m. (open air)
Battery	Up to 8 Years With 2 X CR123A Battery
Detection Types	Smoke Fixed Heat Heat Rise Smoke and/or Fixed Heat Smoke and/or Heat Rise
Smoke Detection Level	H:0,12 – m:0,15 – l:0,18 dB/m
Heat Detection	A2S, A2R
Operating Temperature	-10°C ~ 55°C
Dimensions (mm)	Ø109,6- h48,1
Weight (With and Without Base)	183 gr / 125 gr
Humidity	95% RH (max)
Protection Class	IP30