

TWM-1985

Wireless Intelligent Addressable Coordinator

The TWM-1985 Addressable Coordinator is an interface that allows wireless devices like detectors, MCPs, I/O modules, and sounders to operate with Teknim addressable fire alarm panels. Teknim wireless fire alarm systems offer a flexible solution, supporting fully wireless or hybrid setups, and enabling the expansion of existing wired systems wirelessly-especially in situations where wiring infrastructure is not feasible.



General Features

- Low Power, Two-Way Safe and Stable Wireless Communication Protocol (TLPWAN)
- EN54-17, EN 54-18 and EN 54-25 Certified
- Bi-directional Wireless Communication
- Fully Compatible with Teknim Addressable Fire Alarm Panels
- Fully Wireless or Hybrid System Design Options
- Easy and Fast Installation, Commissioning and Usage
- Supports 31 Wireless Devices per Coordinator (26 Endpoint and Repeater)
- Approx. 2000 m. Wireless Coverage Between Repeater (Open Air)
- Approx. 1250 m. Wireless Coverage Between Endpoints (Open Air)
- Configuration Over Addressable Panel

EN 54-17**EN 54-18****EN 54-25**

Technical Specifications

	TWM-1985
Standard	EN54-17, EN54-18, EN54-25
Loop Supply Voltage	18Vdc – 35Vdc
Average Consumption	5mA (@24Vdc)
Operating Frequency	868 MHz
Radiated Power	Max. 14 dBm (25 mW)
Coverage	Approx. 2000 m Between Repeaters (Open Air) Approx. 1250 m Between Endpoints (Open Air)
Number of Channels	10
Total number of Wireless Device Support	31 (5 Repeaters and 26 Endpoint)
Number of Repeaters That Can be Connected Consecutively	5
Number of Repeaters That Can be Connected to a Coordinator Individually	4
Humidity	95% RH (max.)
Operating Temperature	-10°C ~ +55°C
Size (mm)	205 mm x 164 mm x 64 mm + 70 mm Antenna
Material	White, ABS Plastic
Cross-section of the Cable Used	0.8mm ²
Weight	724 gr
Screen	128*64 LCD