

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)
- EN 54-17, 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. 2000m Wireless Coverage Between Repeater (Open Air)
- Approx. 1250m Wireless Coverage Between Endpoints (Open Air)
- Configuration Over Addressable Panel

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

Technical Specifications

	TWM-1985
Standards	EN 54-17, EN 54-18 and EN 54-25
Operating Frequency	868MHz
Radiated Power	Max. 14 dBm (25mW)
Number of Channels	10
Coverage	Approx. 2000m Between Repeaters (Open Air) Approx. 1250m Between Endpoints (Open Air) (Varies in Indoor Settings; Depends on Installation)
Number of Repeaters That Can be Connected Consecutively	5
Number of Repeaters That Can be Connected to a Coordinator Individually	4
Total Number of Wireless Device Support	31 (5 Repeaters and 26 Endpoint)
Supply Voltage	18Vdc – 35Vdc
Average Current Consumption	5mA @ 24Vdc
Screen	128*64 LCD
Cross-section of the Cable Used	0.8mm ~ 2.5mm ²
Humidity	95% RH (max.)
Operating Temperature	-10°C ~ +55°C
Weight	724gr
Dimensions (mm)	205 mm x 164 mm x 64 mm + 70 mm Antenna
Material	White, ABS Plastic