

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

- TLPWAN Low Power, Two-Way Safe and Stable Wireless Communication Protocol
- 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 5 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 (5x Repeaters and 26x 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 ~ 2.5mm ²
Weight	724 gr
Protection Class	IP65