

TWM-1986

Wireless Repeater

The TWM-1986 Wireless Repeater extends the wireless network coverage by connecting to either a coordinator or another repeater. It is primarily used to increase the communication range between the wireless coordinator and wireless devices. The repeater is compatible with both the TWM-1985 Wireless Addressable Coordinator and the TWM-3985 Wireless Conventional Coordinator.



General Features

- Low Power, Two-Way Safe and Stable Wireless Communication Protocol (TLPWAN)
- EN 54-18 and EN 54-25 Certified
- Bi-directional Wireless Communication
- Backup Battery
- Compatible with TWM-1985 and TWM-3985 Teknim Wireless Coordinators
- Easy and fast installation, commissioning and use
- Support for 31 wireless devices per repeater (26 endpoint, 5 repeaters)
- Approx. 2000m Wireless Coverage Between Repeaters (Open Air)
- Approx. 1250m Wireless Coverage Between Endpoints (Open Air)

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

Technical Specifications

	TWM-1986
Standards	EN 54-18 and EN 54-25
Operating Frequency	868 MHz
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 to a Repeater Consecutively	5
Total Number of Devices Supports	31 (5 Repeaters, 26 Endpoint)
Supply Voltage	18Vdc – 35Vdc
Average Current Consumption	10mA @ 24Vdc
Cross-section of the Cable Used	0.8mm ~ 2.5mm ²
Humidity	95% RH (max.)
Operating Temperature	-10°C ~ +55°C
Dimensions (mm)	205 mm x 164 mm x 64 mm + 70 mm Antenna
Weight	645gr
Material	White, ABS Plastic