

# EML250-ID™

## ELECTRONIC ID RFID MARKER LOCATOR

The new EML250-ID professional-grade RFID Marker Locator reads, writes and records custom data on OmniMarker-ID RFID electronic markers and Spike Marker-ID markers for quick and easy identification of buried utilities.

EML250-ID reads unique serial numbers of Tempo RFID markers and reads/writes custom identification information through the Locator Link Mobile App to OmniMarker-ID (up to 5 feet) across nine industry frequencies while also passively locating any standard marker ball.

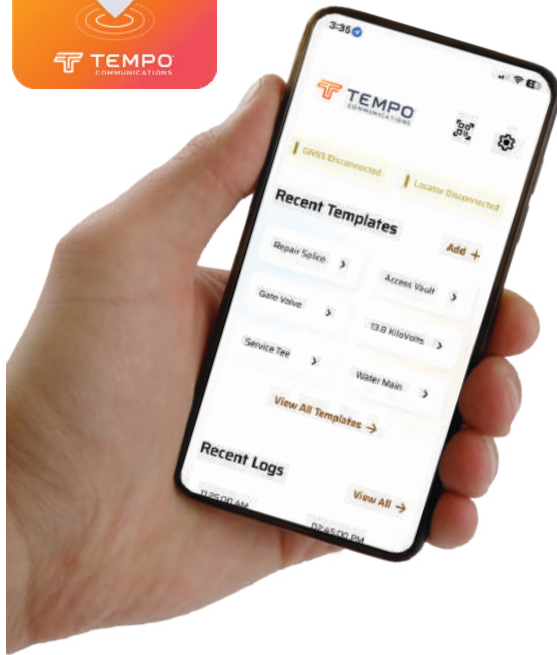
With a read/write log, Locator Link Mobile App integration, and GNSS compatibility for precise mapping, the EML250-ID streamlines utility asset location and data management. The color LCD screen, IP54 ruggedized design and rechargeable power make it field ready.

### Product Features:

- Reads unique serial number of RFID markers and reads/writes custom identification information on OmniMarker-ID from up to 5 feet away.
- Compatible with all 9 industry standard frequencies
- Records read/write logs
- Locates any industry standard passive marker ball
- Connects to Locator Link Mobile App to easily transfer files to GIS system or the cloud
- Compatible with external GNSS devices to pinpoint location
- Easy to read color LCD screen
- Rugged construction, rated Ip54
- Rechargeable batteries

S/N: 0848854435  
Type: Blue/Water  
Object ID: 50  
Facility Number: 5453468  
Facility Type: Water Main  
Material: Polyvinyl Chloride  
Pipe Type: Distribution





### LOCATOR LINK APP FEATURES

- Easily create templates on the Locator Link App to transfer to the EML250-ID
- Scan the Omni Marker ID RFID marker QR code to record unique serial number
- Attach notes and photos to log entries
- Maximize data with Keywords: commonly used words and phrases

### EML250-ID SPECIFICATIONS:

Electrical	Rechargeable Battery, Battery Life: 8 hours typical
Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Ingress Protection Rating	IP54
Length	12.95in (329mm)
Width	9.48in (241mm)
Height	30.55in (776mm)
Weight	5.05 lbs (2.28 kg)

### COMPATIBLE MARKER FREQUENCIES :

APPLICATION	COLOR	FREQUENCY
Telephone	Orange	101.4 kHz
Non-Potable Water	Purple	66.4 kHz
Cable TV	Orange Black	77.0 kHz
Gas	Yellow	83.0 kHz
Fiber Optic	Yellow Black	92.0 kHz
Sanitary	Green	121.6 kHz
Europower	Blue Red	134.0 kHz
Water	Blue	145.7 kHz
Power	Red	169.8 kHz



### ID MARKER READ RANGE:

OmniMarker-ID 5 ft (1.5m)

### PASSIVE MARKER DETECTION RANGE:

OmniMarker II / OmniMarker-ID 5 ft (1.5m)

### ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
EML250-ID	Electronic ID Marker Locator