

# TMID6008

## automatic bin identification system

The Terberg TMID6008 Radio Frequency Identification (RFID) system allows you to identify bins easily and efficiently during collection duties by the reading of RFID transponders fitted to the bin.

TMID6008 can be integrated seamlessly with Terberg bin lifts, side loading collection equipment and dynamic weighing systems to ensure that efficiency sapping delays are not introduced.

TMID6008 may also be fitted to other brands of bin lifts.

### ■ Compatible with European standard transponders

TMID6008 is compatible with many LF transponders such as those specified by European standard EN14803 and BDE.

### ■ Reliable and robust system

The TMID6008 system is the result of over 20 years expertise in RFID and its application to waste collection vehicles leading to a system that has been proven time & again to be reliable & is designed to cope with the harsh environmental conditions of modern waste collection duties.

### ■ Secure collection data storage

TMID6008 contains Terberg's OmniSCALE data recording module and includes a robust, industrial specification RAM card that enables the system to securely store data from over 200,000 collections.

### ■ Suitable for trade and domestic bin collections

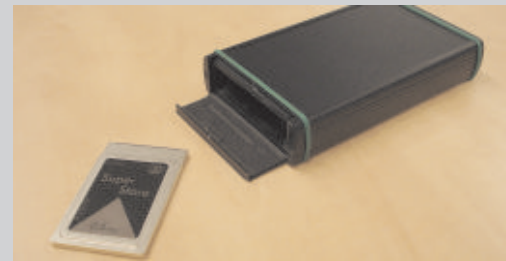
Where required, TMID6008 is configured with one or two RFID antenna's to ensure that all comb-lifted EN840-1,2 & 3 containers, whether of plastic or metal construction, are identified correctly.

### ■ Automatic detection and control of non-conforming bins

In the event where a bin is missing its transponder or is fitted with a non-complaint transponder, the bin lift operation can be set to stop automatically. TMID6008 has an option to display transponder read error information via the integral bin lift diagnostic display. Using this display, the bin lift operator can also input a special code to continue the lifting cycle.

### ■ Easy downloading of RFID data

Live RFID data collected on the RAM card can be downloaded quickly via a USB download station to a personal computer at any time for further analysis or use in back-office software applications if required. Data is recorded individually for each chair when lifting domestic containers & linked chairs when identifying trade containers.



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## Optional Equipment

### ■ Real-time GPRS data transfer

Optionally, data can be relayed back to base in real-time via GPRS mobile networks using Terberg's **muniTRACK** modem. The data transferred is then stored for further analysis and reporting via the user friendly web-based interface of **muniDATA**.

### ■ Real-time GPS "Track & Trace" data

Additionally, "Track & Trace" functionality is available by utilising Terberg's **muniTRACK** application to provide accurate GPS information for all collection rounds. Data collected is then relayed back to base via GPRS and stored for further analysis and reporting via **muniDATA**, where the data is allocated to the associated customers or households.

**muniTRACK** is also available with the option to collect FMS Can bus data from the vehicle chassis where the FMS connection has been enabled by the chassis supplier.

### ■ Data Manager module

The Data Manager module developed by Terberg upgrades the TMID6008 system and enables several enhanced features.

These include;

- Container management via STOP & GO lists, by RAM and/or GPRS
- Interfacing with 3rd Party On-Board Computer systems
- Additional backup memory
- 100% data integrity via GPRS

Additionally, the Data Manager module allows the use of HF and UHF transponder technology such as that used on Terberg's KTZ Waste Collection System.

### ■ Container exception recording

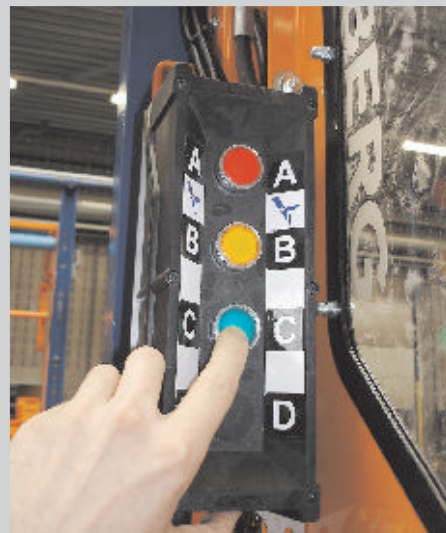
By use of an optional container status button module it is possible to record exceptions during the collection rounds. Each module can be supplied with up to three buttons that may be freely configured to your specification to record a variety of collection exceptions such as damaged containers or contaminated loads.

### ■ Dynamic Weighing

TMID6008 is designed to integrate perfectly with Terberg's certifiable TMDW9009 and non-certifiable TMDW8010 dynamic weighing systems to offer several benefits.

By using TMDW9009/TMDW8010 there is no delay to the lifting cycle and the complete integrated system is fully tested in production to ensure a perfect working solution on delivery.

**Our integrated Bin Lift, RFID and Dynamic Weighing system provides a turnkey solution with one single point of contact for sales and after-sales service.**



www.terbergmatec.com

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Terberg Matec UK Ltd. reserve the right to change the specification or design of our equipment at any time without prior notification



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