



Waste Bin Tag

FEATURES

- Perform in the harshest environments, including harsh chemicals, painting processes, outdoor exposure.
- Heavy-based construction provides both stability and safety.
- Dust & Waterproof.
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

APPLICATIONS

- Waste Bin Tag enables automatic measurement of weight of waste; promoting efficiency and control.
- In-transit tracking of Waste Management Containers and Bins.
- The movement and user duration (lifespan) of the bins and containers can be monitored within the user locations.

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|----------------------------|---------------------------------------------------|------------------------------------|
| Chip Type: | HitagS 256 bit 134.2 KHz | |
| | 256 bits, organized in 8 pages of 4 byte each | |
| | Data retention of 10 years | |
| | Write endurance 100.000 cycles | |
| Mechanical: | Outer Dia. | 30mm |
| | Thickness | 15.5mm |
| | Material | Polyamide |
| | Colour | Black |
| | Weight | 12.0 g |
| | Antenna Type | Wire Antenna |
| Electrical: | Operating Frequency | 134.2 KHz |
| | Operating mode | Passive (battery-less transponder) |
| Ingress Protection: | IP67 | |
| Thermal: | Storage Temp. | -40° C to +85° C |
| | Operating Temp. | -25° C to +85° C |
| Part Number: | 108N1 | |
| Options: | Other IC type, Size, Shape & Colour on request | |
| | Available with other plastic material e.g. PC/ABS | |

*Preliminary Data Sheet: Certain specification subject to change.