RFID KEYFOB FOR GARBAGE

CE ✓ RoHS

Global Tag RFID cards are effective tools for waste management, enhancing user identification and traceability in waste collection systems.

Thanks to LF, HF, or UHF technology, RFID cards support pay-as-you-throw policies and encouraging responsible waste sorting behaviors.

They can be customized with serial numbers, logos or specific encoding.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: Different shape are available
Weight: 4gr.
Material: High Quality ABS (for case) – Metal for ring
Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C (for 3h) to +120°C (for 2h) / -67°F (for 3h) to +248°F (for 2h)

Operating Temperature: -25°C to +85°C / -13°F to +185°F

Delivery format: Individual

Weather Ability: Very Good, including UV resistance and sea water

Expected lifetime: Years in normal operating conditions

Chemical resistance: No physical or performance changes in (tested up to, more hours can be): - 200 hours Salt water (salinity 35gr/L) exposure - 200 hours NaClO (25% with water, Bleach) exposure

TYPES OF RFID CHIPS:

LF: Available with TK4100, T5577. Other on request.

HF: Available with I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, Mifare Plus X 4K, Mifare Desfire 4K, STM LRi2k, Ntag213, Ntag216, other on request.

UHF: Available with NXP Ucode8 or Alien Higgs9 chip. Others on request.

DUAL FREQUENCY SOLUTIONS AVAILABLE:

RFID/NFC Card can be provided with 2 different inlays in the same tag. Different combos are avaialble:

LF + HF ISO15693

LF + HF ISO14443

LF + UHF ISO18000-63

HF ISO14443 (or NFC) + HF ISO15693

HF ISO14443 (or NFC) + UHF ISO18000-63

HF ISO15693 + UHF ISO18000-63

PRINTING AND CUSTOM OPTIONS:

Printing offset: 1, 2 or 4-colors logo printing,

Laser engraving: Serial numbers, Codes from customer database, QR and barcode.

Pre-Encoding: Customer specific encoding of EPC or User Memory (from Database too).
Permanent or by password lock. TID/EPC in database.
For Dual Frequency cards, record of UID (of HF/LF) in the EPC (UHF).

ORDER INFORMATION:

Standard product is provided with ring metal
PRODUCT CODE: GT-CHNY-xx (xx defined type of chip required)
For more information, please contact us:
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