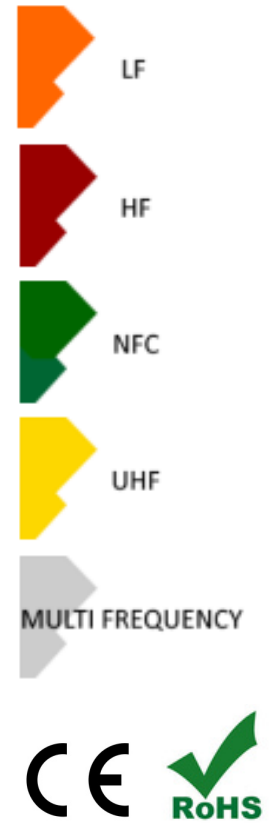


RFID AND NFC CARD



Global Tag RFID/NFC CARD is a PVC smart card designed for contactless identification and access control applications. It is available with RFID and/or NFC technologies in LF 125 kHz, HF 13.56 MHz (ISO14443 and ISO15693) or UHF 860–960 MHz frequencies.

A dual-frequency version is also available, integrating two chips and antennas for multi-application use. The card complies with ISO standards and ensures reliable performance in everyday use.

Thanks to its versatile design, the card is suitable for a wide range of applications, including access control, identification systems, payment solutions and asset management.

Customization options include offset printing, laser engraving (UID, serial number, QR or barcode) and additional features such as backside adhesive, foam, signature field, magnetic stripe and magnet.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: 54x86x0,76mm follow standard ISO/IEC 7810 / 3,15x0,94x0,31 in



Weight: 0,58gr.

Material: laminated PVC (or PET optionally)

Color: Generally White - Any other colors is available

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C to +60°C / -67°F to + 140°F

Operating Temperature: -25°C to +50°C / -13°F to +185°F

Delivery format: Individual

Expected lifetime: Years in normal operating conditions

Chemical resistance:

No physical or performance changes in (tested up to, more hours can be):

- 200 hours Motor oil immersion
- 200 hours Salt water (salinity 10%) exposure

CHIP SPECIFICATION AVAILABLE:

	LF 125Khz	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	N.D.	Class 1 Gen 2
Air interface protocol	N.D.	ISO14443 and ISO15693 and NFC	ISO18000-63
IC Type Available	TK4100, T5577, other on request	I-Code SLIX, I-Code SLIX2, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, Mifare Plus X 4K, Mifare Desfire 4K, STM LRI2k, Ntag213/216, others on-request	Alien Higgs9, NXP U-Code 8, others on-request
Size inlay	75x45mm (one inlay integrated) 50x20mm (in dual frequency solution)	75x45mm (one inlay integrated) 50x20mm (in dual frequency solution)	70x17mm
Read Range	From 2 to 50cm	From 2 to 150cm (150cm can be in High Performance SLIX solution)	Up to 6meters

DUAL FREQUENCY SOLUTIONS AVAILABLE:

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

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

CUSTOMIZATION 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). Magstripe HiCo 2750OE or LoCo300OE.

Signature field: The card can be provided with the space which captures the user's signature.

Re-printable surface: Re-printable surface allows printing, erasing and reprinting new contents.

On-Metal Layer: An insulant layer (+ glue) can be added, in order to mount the RFID badge on metal surface without losing RF performances.

INSTALLATION MODE:

With optional 3M 467MP Adhesive model: when mounting the tag with adhesive background, clean and dry the surface to get the maximum bond strength.

With Magnet: To mount and remove the RFID contactless card from on-metal surfaces.

APPLICATION NOTE:

Access and presence Control: BADGY is used for access control in many different environments as schools, hotels, SPA, resorts, etc..

Fidelity or VIP Pass

Micro-Payment and ticketing: BADGY, in particular with HF ISO14443 (NFC) chip, can be used for micro-payment, particularly for special events like festival, discos, concerts, ecc..

ORDER INFORMATION:

Standard product is blank, white color:

PRODUCT CODE: GT-BDGY-xx (xx is the selected IC chip)

For more information, please contact us:

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