



Colombianworld

Business Innovation



products to meet the highest

expectation in terms of

QUALITY, SERVICE,

PRICE AND WARRANTY.



smart cards HID cards MIFIRE® cards

smart tokens **smart wristband**

stickers and epoxytags

keyfobs with chip



smart cards

Known as smart cards (Smart Cards), our cards can be presented in the most common **types of media: PVC, PET, PETG** and different types of chip (including SRI512) according to the needs of each company.



Products certified by ISO9001: 2008 and AIT *Smart Card Certificate Of Qualification*.

MIFARE® cards

Among the most popular are the MIFARE® cards; 30 gauge PVC plastic cards with RF communications technology, contactless.



Access memory according to the ISO 14443A standard.



MIFARE® cards

Main features

- 512 bits (1K) and 2048-bit (4K) reading and writing memory.
- Contactless data transmission without recharging or batteries.
- Reception distance and registration: up to 10 cm.
- Operating Frequency: 13.56 MHz data transfer rate of 106 kbit/s.
- High data integrity: 16 Bit CRC, parity, bit coding, bit count.
- Collision effective.
- Transmission tickets typical assignment: <100ms.
- Backup managing.

HID cards



HID provides credentials based on smart cards, labels and controls. No identification technology and unique technology, multi-technology, and smart cards based on contactless chip.



HID cards

Main Uses

- Cashless.
- Biometrics.
- Access to a computer.
- Payment of transit.
- Custom Application for your company.

smart wristband



New era product: Mifare bracelets, type & RFID tags

Colombianworld offers other RFID elements to complete its portfolio of innovative income and access. Our silicone bracelets with a modern design and presented in various sizes and colors, are made of high quality materials and designed to withstand extreme temperatures and high humidity, they can be further customized with the logo and name of each company.



keyfobs with chip



SMART KEYFOBS - ABS, encapsulated for access control and electronic payment

Main features

- Designs decorative and comfortable to wear.
- Low sensitivity to the adhesion of dust and moisture.
- High resistance to friction and impact without deformation.
- Material: ABS.
- Protocol: ISO14443A (MIFARE®) or ISO15693 (ICode2).
- Operating Frequency: 13.56 Mhz.
- Operating temperature: -10 ° C ~ + 50 ° C.



stickers



Main features

- Material: PVC tape 3M®.
- Protocol: ISO14443A (MIFARE®) or ISO15693 (ICode2).
- Dimensions: 51.3 * 27.7mm, 55 * 27mm, 35 * 35mm, etc.
- Surface: canvas surface, glass decoration.

epoxy tag



Surface: epoxy type.

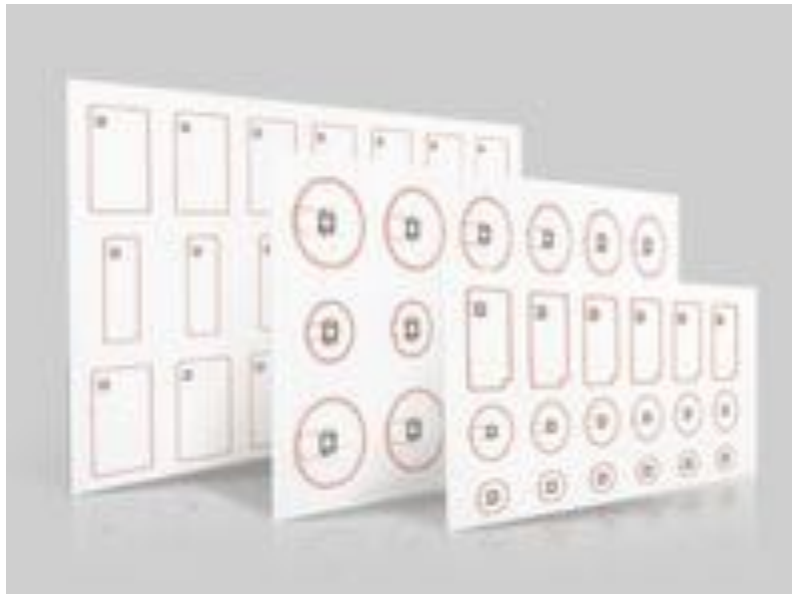


epoxy tag

Main features

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- Material: PVC.
- Protocol: ISO14443A (MIFARE®) or ISO15693 (ICODE2).
- Operating Frequency: 13.56Mhz.
- Operating temperature: -10 ° C ~ + 50 ° C.
- Dimensions: 55 * 27 * 0.84 mm, 38 * 38 mm between other sizes.

contactless inlay



The contactless inlay is designed for lamination in order to become a smart card, it is customizable: the antenna arrangement and request frequency. Embedding technology using copper wire that improves the stability of antenna performance.



contactless inlay

Main features

- Antenna wire copper more stable and reliable.
- Modules: ISO14443A, ISO15693, Mifare DESFire among others.
- Available material: PVC or PET-G size.
- Inlay MOA4 standard thickness of 0.41 ± 0.03 mm.
- Operating temperature: -20°C to 50°C .

the benefits of working with a
local business: proximity, support,
quick communication and warranty.



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