

INVENGO SMART CARD PVC CARD



Impinj Monza 5



About Invengo's Smart Card with Monza 5

The Invengo XCTF-8200A-C13 is a passive UHF (RAIN RFID) smart card designed for superior read/write performance. The smart card is EPCglobal Class 1 Gen 2 V2 and ISO 18000-63 compliant, combining Invengo's advanced antenna design and Impinj Monza 5 chip. Invengo's smartcard operates worldwide within any RAIN RFID (UHF) band and offers an exceptional long reading range up to 9 meter or 30 feet.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID (UHF) and NFC (HF) inlays, tags and connectivity solutions utilized in the Internet of Things (IoT). With a focus on RFID innovation, Invengo has created a leading product line in retail, library, (industrial) laundry, pharmaceutical, healthcare, (public) transportation and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID oriented companies in the world.

Key Benefits

- High performance transponder for a wide range of applications
- Operating Frequency 840 to 960 Mhz
- Superior read/write sensitivity
- 100% performance tested

Application Areas

- Personal Identification
- Library Management
- Automatic Vehicle Identification
- Access Control
- Event Management
- Club and Resort Membership
- Asset Tracking

Card Design



Product Specifications

RFID

Protocols Supported	EPCglobal Class 1 Gen 2, ISO 18000-63
Integrated Circuit (IC)	Impinj Monza 5
Operating Frequency	840 to 960 MHz
EPC Size	128 bits
TID	48 bits serialized TID

Environmental

Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Shelf Life	Minimum 2 years from date of manufacturing in 20°C (68°F) @ 50% RH
Bending Diameter	> 50 mm, tension max 10 N
Static Pressure	< 10MPa (10N/mm ²)
ESD	± 2000V peak

Dimensions

Size	86 x 54 x 0,9 mm (3.39 x 2.13 x 0.04 in)
Weight	6 gram
Material	PVC

Order Information

Smart card	XCTF-8200A-C13 200 pcs/box
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