UHF/RFID/Impinj® Monza 4QT- PVC card

Maximize safety, security and convenience for customers, guests and employees—and heighten efficiency in your people identification and management applications— It's the world's first passive RFID card to provide a read range of up to 50 feet.

New Possibilities because it can be read from afar even through badge holders, handbags, pockets and backpacks, you can use the RFID card to streamline and ease congestion in your identification, access control and transaction processes. Plus, keep track of people to increase personal safety and facility security, capture guest/visitor data, and enhance the customer experience by enabling guests to instantly share information with their social media contacts.

Improved Impinj's state-of-the-art Monza® 4QT chip. It offers full read/write capabilities, and you can use it worldwide with any EPC UHF operational band (860-960 MHz). Unique and sophisticated security features include:

• 48-bit unique ID feature that protects against card cloning and provides a card authentication method to uniquely identify every card.

• Memory configuration to protect privacy and hide sensitive information, while maintaining a high level of readability.

• Read range reduction feature, protecting users from unauthorized tracking by temporarily reducing the read range of the card to less than one foot

Card Features

• ISO/IEC-7810-2002 compliant

• Passive operation (no battery required)

• Ultrahigh-frequency technology

• Multi-application card available with and without magnetic stripe

Physical Card Construction

• Body: 60% white PVC & 40% clear PET

• Overlay: 100% clear-PVC • Nominal Height: 2.125"/53.98 mm

• Nominal Width: 3.370"/85.60 mm

• Nominal Thickness: 30 mil ± 3 mil

• Over-laminates: Receptor for dye-diffusion thermal transfer printing

RFID Specifications

• Protocol: EPCglobal® Gen 2 and ISO18000-6C

• Chip: Impinj Monza 4QT

• Worldwide operation in the UHF RFID frequency bands (860-960MHz)

• Typical read range of up to 50 feet**

• 128 bits of EPC memory

• 512 bits of USER memory • 96 bits of read-only TID memory

**Read range may vary depending on environment and application.