PROMAG™ 13.56MHz RFID Multi-ISO Protocol Reader

Introduction:

Introducing MP100, GIGA-TMS's latest released RFID Reader. It not only equips build-in SAM socket, but also supports multiple ISO standards.

Other than contactless RFID cards, MP100 also supports SAM card. Users do not need to understand the complicated ISO/IEC14443 and ISO7816 standard to operate MP100. With simple command through RS232/USB, users may master multiple RFID standards easily.

MP100 supports wild ranges of transmission protocols and transponder ICs available on the market. Designed to meet the requirements of both secure personal identity verification and supply chain management applications,

MP100 is ideal for access control, as well as Automatic Fare Collection (AFC), ticketing, vending and mobile solutions

Applications:

- Pre-payment, Ticketing
- Prepaid parking / meal coupon
- Multi-application: Tracking, Retail, Customer, Loyalty, Leisure, Gambling

Features:

- Enhanced anti-collision algorithm for multi-card handling
- Full 3DES/AES crypto methods for Desfire EV1
- USB and RS232 Interface, 19200 N,8,1
- T=CL ISO7816 interface supported
- Built in SAM Socket
- Full access to data of contactless memory, high security and microcontroller-based cards
- Card TYPE

ISO14443A

MIFARE™Standard, MIFARE 4k, MIFARE Ultralight, MIFARE Ultralight C, MIFARE DESFire®, MIFARE DESFire EV1,

ISO14443B

Smartcard ISO14443B, SRI4K, SRI512

ISO15693

SIC5600, ICODE-SLI, ICODE-SLI-L, ICODE-SLI-S

ISO 7816, Contactless Smart card

Ordering information:

- MP100R----RS232 Interface

- MP100U----USB Interface

※ **Specification is subject to change without notice.**