

Cashless Payment Reader with USB and RS232 Communications Ports for mCommerce



Pre-payment, Ticketing

Prepaid car parking system

Food court

POS System

Cashless Payment

Prepaid parking / meal coupon

Multi-application: Tracking, Retail, Customer, Loyalty, Leisure, Gambling.

EP100 is the latest Promag Cashless Payment Reader with KEY-Pad and easy to read bright OLED display released by GIGA-TMS in 2014. It's not only with built-in SAM Slot, but also supports 13.56MHz multiple ISO standards such as ISO14443A, ISO14443B, ISO15693 and ISO7816 which allow users to shorten the learning curve to operate EP100 with the simple command sets through RS232/USB interface communication.

In addition to multi contactless RFID cards reading, EP100 also supports SAM card to meet the requirements of wide coverage applications in the mobility commerce or portable payment market such as car rental business, retailers to upgrade their running POS system seamlessly to mobile payment by fast and quick check-up.

EP100 is the value added asset to the most of the small or medium retailing business.



Flexibility

Offline operation.

Payment history will be saved as a standard text format that can be directly processed by any application software like Microsoft Excel, Access, etc.

Online operation.

Payment history can be saved in the memory and transmitted to the software at the same time.

Features

- Enhanced anti-collision algorithm for multi-card handling
- Large high-contrast graphic OLED shows time, date, shift number, Event Menu (In, Out, Break, etc...) or customized.
- Full 3DES/AES crypto methods
- USB Interface,
- T=CL ISO7816 interface supported
- Built in SAM Socket
- Full access to data of contactless memory, high security and microcontroller-based cards





Specifications

Display	OLED, 20X2, backlight
SAM Slot	EMV L1 500,000 Insertions
Card Type	ISO14443A ISO14443B ISO15693 ISO 7816, Contactless Smart card
Database capacity	2M Bytes memory
Interface	USB / RS232
Keypad	16 keys
Lock relay	Max 2A, 12V
Power supply	DC 5V~9V, 200mA
Operating Temperature	0-55 °C
Operating Rel. Humidity	10-90%
Dimensions (L x W x H)	140 x 70 x 20 mm
I/O	one digital Out

* Specification is subject to change without notice.

Card Type

- **ISO14443A**
- **ISO14443B**
- **ISO15693**
- **ISO7816**

※Ordering information

EP100U -- USB Interface