



AC906 & PRW106

Cash Card Access System

AC906 Cash Card Access Terminal

PRW106 Cash Card Issuer / Programmer

Introduction:

The Cash card Access System is designed for the application of proximity cards of 13.56Mhz compliant with ISO 14443A. The idea is that consumer pay for all consumption by card instead of cash, First the proximity card needs to be programmed and stored with values or amounts by a Read/Write Device (RWD), **PRW106**. Then consumers bring the programmed cash card with them to the Reader end, **AC906**, for transaction. Whenever the cash card is read by **AC906**, the present decrement will be deducted from the card and the new value or amount will be rewritten to it.

This system can also be applied for Access Control purpose.

Features:

- Frequency: 13.56 MHz
- Read / Write ISO 14443A ; Mifare® Class and Mifare® PRO Standard cards
- Fast data transfer
- High data integrity
- True anticollision

Application examples:

- Access controls
- Admission control
- Master and user authentication control
- Time and attendance
- Pre-payment
- Prepaid parking / meal coupon
- Ticketing
- Home security & Anti-crime application

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

Specifications:

| Products | AC906 | PRW106 |
|-----------------------------|--|--|
| Major Feature | Access Control Read / Write | Card Issue Read/ Write |
| RF Frequency | 13.56Mhz | 13.56Mhz |
| RF Distance | 3 cm | 3 cm |
| DC Power | 9V / 150mA | 9V / 100mA |
| RS232 | 19200,N,8,1 | 19200,N,8,1 |
| Interface | RS232/RS485 | RS232 |
| Protocol | GNET PLUS | GNET PLUS |
| Card Type | ISO 14443A Mifare® Class Mifare® PRO | ISO 14443A Mifare® Class Mifare® PRO |
| Memory | 32KB | 32KB |
| RTC | Yes | No |
| Battery Backup | Yes / 1 week | No |
| Dimension (mm) | W79.6 X L84.8 X H25 | W86 X L121.8XH86 |
| Housing | ABS | ABS |
| Weight | 200g | 180g |
| Operating temperature | -10 to 60 Deg C | -10 to 60 Deg C |
| Operating relative humidity | 10 ~ 90%. | 10 ~ 90%. |

Mifare® Class: Ultra-Light; Standard 1K; Standard 4K

Note: Specification is subject to change without notice.

※ Mifare® is a registered trademark of Philips Electronics N.V.

We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration



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