

PROMAG™



AC906 & PRW106

Cash Card Access System

AC906 Cash Card Access Terminal

PRW106 Cash Card Issuer / Programmer

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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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