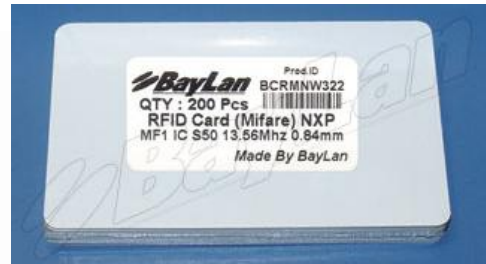


BCRMNW324 **BayLan RFID Mifare NXP S70 Card**



FEATURES:

Mifare RF Interface (ISO / IEC 14443 A)

- Contactless transmission of data and supply energy (No Battery needed)
- Operating Distance Upto 100mm (Depending on Antenna Geometry)
- Operating Frequency 13.56MHz
- Fast Data Transfer 106 Kbit/s
- High Data Integrity 16 Bit CRC, Parity, Bit coding, bit counting
- True Anti-collision
- Typical Ticketing Transactions <100ms (Including Backup Management)
- 7 Byte UID or 4 Byte NUID
- Random ID support (7Byte UID version)

EEPROM

- 4 Kbyte organized in 32 sectors of 4 blocks and 8 sectors of 16 blocks (One block consist of 16 bytes)
- User definable access conditions for each memory block
- Data Retention of 10 years
- Write endurance 200,000 cycles

SECURITY

- Random ID support
- Mutual three pass authentication (ISO/ IEC DIS 9798-2)
- Individual set of two keys per sector (per application) to support Multi-Application with key hierarchy

APPLICATIONS

- Public Transportation
- Electronic Toll Collection
- School and Campus Cards
- Internet Cafes
- Access Management
- Car Parking
- Employee Cards
- Loyalty

Specifications are subject to change without prior notice with advancement in technology.