

BCRMNW325-UL

BayLan RFID Mifare Ultralight NXP Card

Mifare Ultralight for limited use tickets may lead to a reduction of system installation and maintenance cost. Terminals may be less vulnerable to damage and mechanical failures caused by ticket jams. Mifare Ultralight can easily be integrated into existing schemes and even standard paper ticket vending equipment can be upgraded. This solution for low cost tickets can help operators to reduce the circulation of cash within the system.



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
- 7 byte serial number (cascade level 2 according to ISO / IEC 14443-3)
- Typical Ticketing Transactions < 35ms (Including Backup Management)
- Fast Counter Transaction < 10ms

EEPROM

- 512-bit organized in 16 sectors with 4 bytes per page
- Field programmable read-only locking function per page
- 32-bit user definable One-Time Programmable (OTP) area
- 384-bit user Read/Write area (12 pages)
- Data Retention of 5 years
- Write endurance 10000 cycles

SECURITY

- 7-byte UID in accordance with ISO / IEC 14443-3 for each device

Packing :

- Pack 1 by 1 / 200pcs Box / 2000pcs Carton

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