

BePi MIFARE® RFID

Card Programmer

Programs Access Control Data into MIFARE® Cards



Product overview

The SmartLine Programmer allows reading from and writing to all pages of MIFARE® UltraLight, 1k, 4k and Mini compatible cards for applications like:

- Limited-use tickets in public transport (single trip tickets, multiple trip tickets, tourist weekend passes);
- Event ticketing (stadiums, exhibitions, leisure parks);
- Access control in hotels, congress rooms

Main features

- BePi includes a card reader/writer; a CD-ROM containing programming software and documentation, a Type A-B USB 2.0 cable and 5 sample cards
- Programs MIFARE® UltraLight, 1k, 4k and Mini RFID contactless smart cards
- Compatible with Windows NT, Windows 2000, Windows XP, Vista, Linux 2.4 and 2.6
- No external power supply needed (USB 2.0 powered)
- Relies on USB Virtual COM driver (easily interfaceable to customer software, no USB knowledge required)
- Comprehensive product support (www.atech.si/bepi/support)

Features

The BePi - SmartLine MIFARE® Card Programmer offers the following capabilities:

- Reads any card memory page, including OTP and flash memory
- Writes any MIFARE® UltraLight, 1k, 4k and Mini card memory block
- Each BePi is provided with a unique ID code (serial number)
- MIFARE A and B keys can be stored in non-volatile memory

The DEMO application software includes the following functions (for UltraLight cards)

- Automatic or manual search of all BePi devices connected to PC
- Whole card read
- Single page write
- Irreversible single pages lock
- Irreversible groups of pages block

Programmer's Connections

A USB Type B connector is located on the rear of the programmer.

Power Supply

The MIFARE RFID card programmer is powered from standard USB 2.0 source.

Cable

BePi is supplied with a 1.8 meter long (standard USB Type A – Type B) cable to connect the programmer's output to a standard USB 2.0 port.

Specifications

Card Compatibility

- Any MIFARE® UltraLight, 1k, 4k and Mini compatible card

Minimum system requirements:

- 133 MHz or higher Pentium-compatible CPU
- Available host USB port

System requirements for demo applications:

- 400 MHz or higher CPU
- 280 MB HD space and 96 MB RAM

Dimensions/ Weight :

Programmer's housing material: Impact resistant polystyrene
Power Supply: not required
Environmental: Indoor / office environment 0° to +35°C (32° to 95°F) 10 – 80% RH, non-condensing
Transmit/Excite Frequency: 13.56 MHz

Product compliant to european standards:

EN 55022, EN 55024, ETSI EN 300 330-1 and ETSI EN 300 330-2 for CE mark.

Warranty:

Warranted against defects in materials and workmanship for 2 years from date of delivery (see warranty policy for details).

Part Number:

Part No.: 8408056