



Introduction

The **MP310T-EI-USB** is an RFID reader/writer with an integrated antenna and driver with a USB interface. The **MP310T-EI-USB** is designed for logical access in both enterprise and industrial applications including enrollment readers, PC single-sign-on, print management, KIOSKS access, factory operator authentication, etc.

The **MP310T-EI-USB** connects with various equipment directly as it supports the latest communication interface ex. plug-and-play USB HID; CCID & PC/SC. Also, the **MP310T-EI-USB** supports various operating system such as Windows, Linux, Android, etc.

The **MP310T-EI-USB** supports lower power consumption (0.9mA) or normal working mode (170mA) in 5V power supply. The working mode is configurable to reach power saving purpose

The **MP310T-EI-USB** supports the DLL and easy to control this module, The ActiveX Control can be using any terminal program (VB .NET, C#...etc.)

Applications:

- RFID KEYLESS entry for electronic
- Access Control
- System login verification
- Attendance timing management
- Pre-payment management
- Ticket management
- Car parking prepay/voucher management
- E-wallet query and top-up
- Home access control & security
- Comprehensive application: Logistics, Retail, Customer loyalty, Gambling-related

※ **Specification is subject to change without notice.**

Specifications:

- **Supports PKOC (Public Key Open Credential)**
- **FIDO Support for USB Interfaces**
- **Supported Interfaces**
 - USB 2.0 Full Speed
 - **CCID Compliance**
 - Supports PC/SC
- **Supported Protocols**
 - ISO14443A, all bit rates: up to 848 Kbps
 - ISO15693, all modes
 - Downlink 1 of 4 and 1 of 256
 - Uplink 6.6/13/26/53 kbps with 1 & 2 sub-carrier
- **13.56 MHz Card Compatibilities**
 - ISO 14443A
 - MIFARE™ Standard, MIFARE 4k, MIFARE Ultralight, MIFARE Ultralight C, MIFARE DESFire, MIFARE DESFire EV1, DESFire EV2, DESFire EV3
 - ISO 14443B
 - Smartcard ISO14443B, SRI4K, SRI512
 - ISO 15693
 - SIC5600, ICODE-SLI, ICODE-SLI-L, ICODE-SLIS
 - Reads payWave and PayPass
 - ISO7816 T=CL
 - NFC TAG 1~4 supportive
 - Read ISO18092 Felica & PICOPASS UID
 - Ultra small outline 78x42x15 mm
 - Information Support
 - Visual C# demonstration Software
 - Protocol Information
 - Low power, low profile for portable designed
 - Plug-in fitting for 13.56Mhz
 - Normal Working Mode 170mA @5VDC
 - Lower power mode 0.9mA@ 5VDC (depends on different Interface)
 - Firmware Update

Features:

- Frequency: 13.56MHz
- Read/Write NFC 1~4 TAGs / ISO14443A / B / ISO15693
- High-speed data transmission
- Low power consumption 0.9 mA design for power saving
- Anti-collision
- Support multiple USB Interface (USB HID / CCID / PC/SC)