

Embedded High Frequency RFID Module

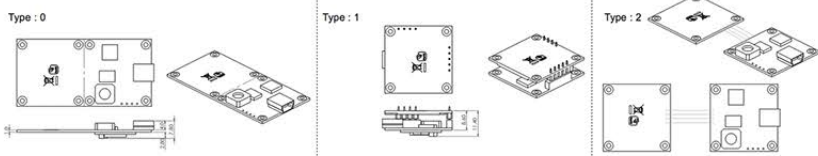
MP30 is a 13.56MHz RFID read & write module, designed to be embedded into Security Controllers and Auto-ID Data Collectors. MP30 supports ISO 14443A, ISO 14443B and ISO 15693, so it can work with most of 13.56MHz RFID cards on the markets. With the compact size, 3 types of antenna and lower power consumption, it's suitable to integrate with portable devices particularly.

The module allows existing installations or applications to upgrade seamlessly, keeping most of their hardware architecture but utilizing 13.56MHz RFID technology.



Features:

- Supports ISO 14443A, ISO 14443B, ISO 15693, NFC
- Ultra compact size
- Featuring low power consumption
- Available with 3 types of antenna mounting
Type 0, Type 1 and Type 2



Applications:

- Data collection
- Portable application
- Mobile smart point of sales

Specifications:

Frequency	13.56MHz
Power requirement	Active 120mA @5VDC
Card type	ISO 14443A Mifare 1K, 4K, Ultralight, Ultralight C, DESFire EV1 EV2 ISO 14443B SRI4K, SRI512 ISO 15693 I-CODE series, SIC5600 NFC Type 1~4
Interface	RS232, TTL, USB (virtual COM), HID
Dimension	Type 0: 60(L) x 30(W) x 7.8(H) mm Type 1: 30(L) x 30 (W) x 11.4(H) mm Type 2: 30(L) x 30 (W) x 7.8(H) mm
Operation temperature	0 ~ 60 degree C
Humidity	10~90%

* Specification is subject to change without notice.

Order information:

- MP30L: TTL interface
- MP30R: RS232 interface
- MP30U: USB (virtual COM) interface
- MP30H: USB HID interface

Optional accessory for the 1st test:

- WAS-T0624: USB cable
- WAS-T0625: RS232 cable

GIGA-TMS INC.

8F, NO. 31, LANE 169, KANG-NING STREET,
HSI-CHIH DIST, NEW TAIPEI CITY, TAIWAN
Tel: 886-2-26954214 Fax: 886-2-26954213
<http://www.gigatms.com.tw/>
Email: promag@gigatms.com.tw
promag@ms24.hinet.net