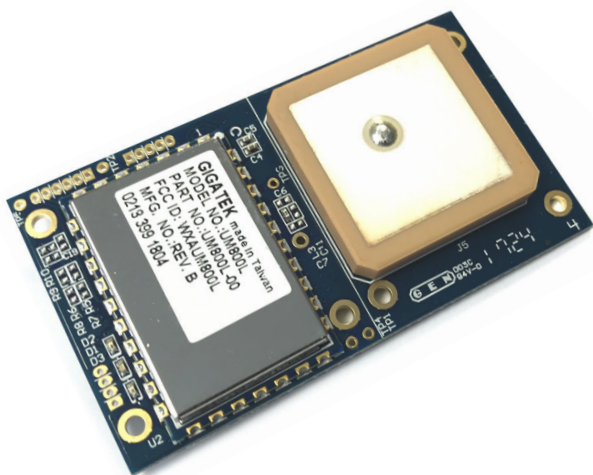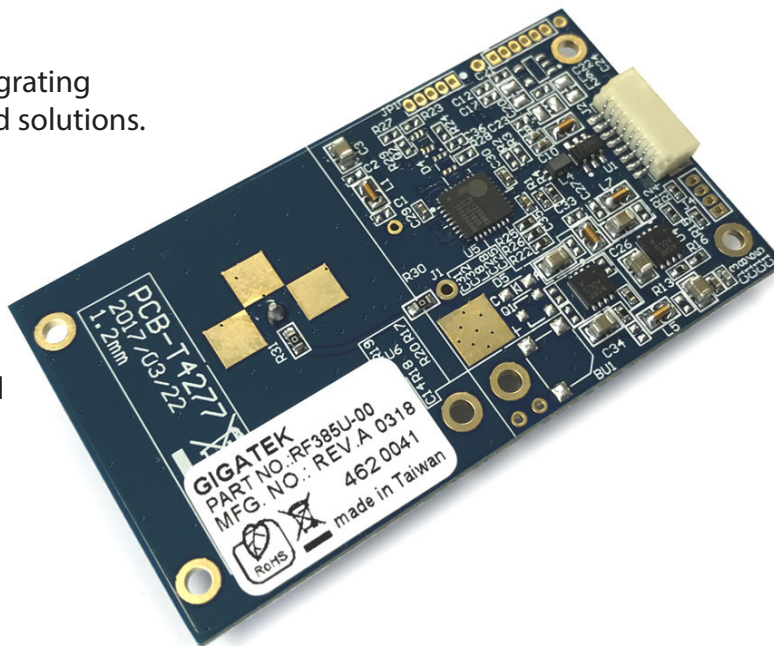RF385 is an embedded read/write module for integrating UHF RFID technology into custom applications and solutions.

Ultra compact and with low power consumption RF385 is optimised to be designed into different kinds of access control system and industrial control equipment.

It is compliant to ISO 18000-6C EPC Gen 2 protocol with an operational range of 860-960MHz and flexibility to work with different types of RFID antenna for large read distances.

## Features

- Frequency 860-960MHz
- Supports ISO 18000-6C, EPC Class 1 Gen 2
- Interfaces:  USB HID, USB VC, UART TTL & RS232
- Flexible mounting options (see below)

| Interface | RS232, UART TTL, USB (Virtual COM), USB(HID) |
|---|---|
| Frequency | 860-960MHz |
| RFID Protocol | ISO 18000-6C EPC Class 1 Gen 2 |
| Mode | Read / Write |
| Max. reading distance | 1.5 meters (Depends on tag) |
| Power | 800mA / 5VDC |
| Dimensions | 30 x 34 x 7.8 mm |
| Environment | Operating Temperature 0˚C ~ +55˚C; Storage Temperature -20˚C ~ +85˚C; Operating Relative Humidity 10~85% |

## Applications

- Access Control / Security
- Item Tracking
- Parking Management
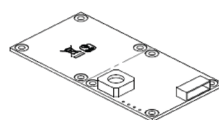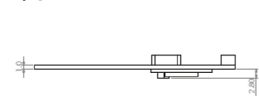- Logistics / Transportation

## Ordering Information:

- RF385U - USB (Virtual COM) interface
- RF385H - USB (HID) interface
- RF385R - RS232 interface
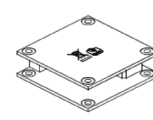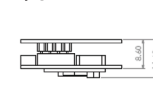- RF385L - UART TTL interface

## Mounting Examples:

Type 0:

Type 1:

Type 2:

Note: Specification is subject to change without notice.