

Optional extension modules

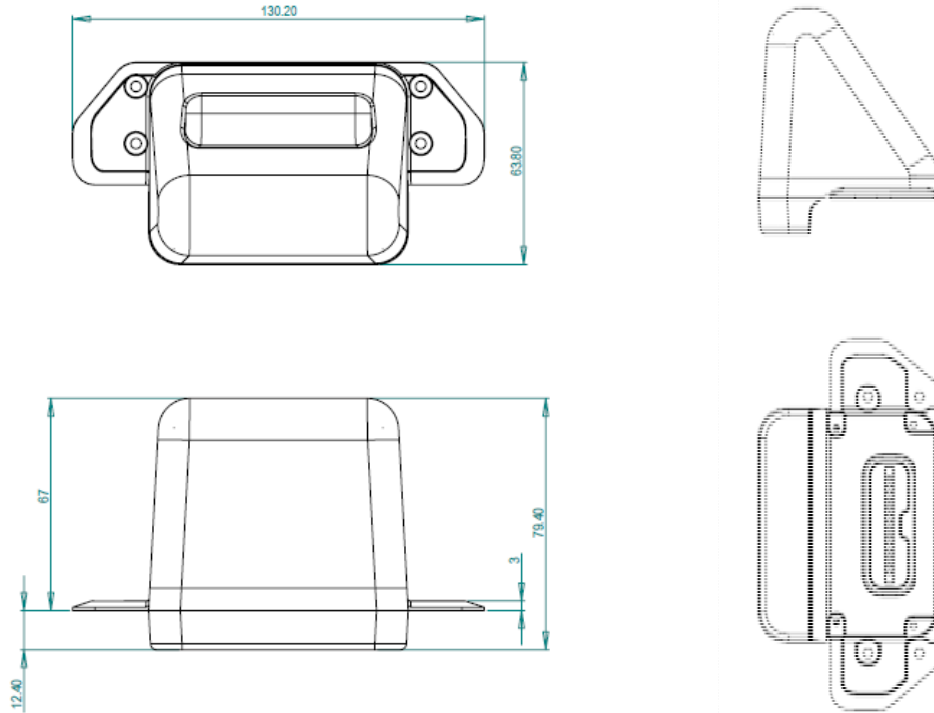
UHF RFID User Manual

Part No. AIM-EXT0-0047/ AIM-EXT0-0049



Part Number	AIM-EXT0-0047(EU) AIM-EXT0-0049(US)
Feature	RFID output power: 26 dBm RFID antenna type: Linear Polarization Frequency: EU: 865.7~867.5MHz US: 903.24 ~ 926.76 MHz TW:922~928 MHz Tag standard supported: EPC Class 1 Gen 2 / ISO 18000-6C
Dimensions	130.2 x 63.6 x 65.9 mm (5.12 x 2.5 x2.59 in)
Weight	0.08 kg (0.176 lb)

Appearance and Dimensions



Installation Guide

Please be note to turn off the tablet before installing extension modules



Remove 4 cover stickers by tweezers



Remove 4 screws by screwdriver



Lock the barcode scanner module by 4 screws and paste back 4 stickers

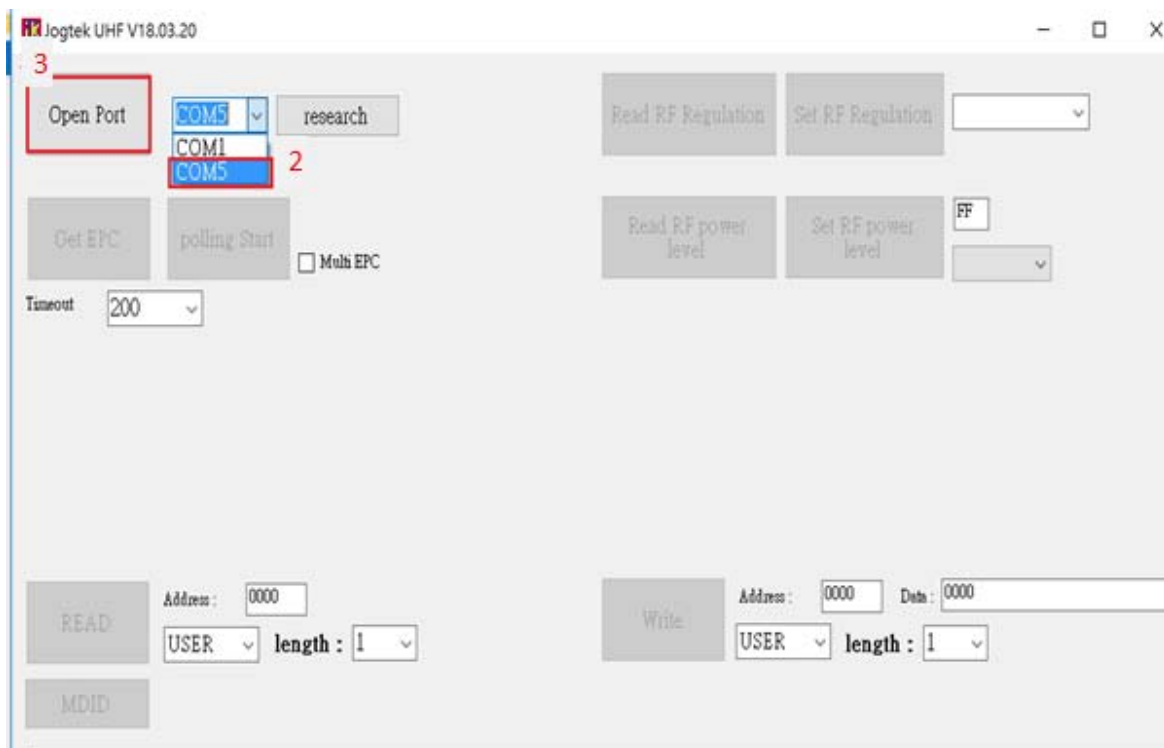
Setup UHF RFID Module

1. choose UHF file

 RFID.dll	2018/3/19 T
 UHF	2018/3/21 T

2. set com port at COM5

3. press "Open Port"



4. based on your UHF module to select the RF regulation "EU" or "US" band

5. polling start will start to read the tag

6. polling stop will stop to read the tag

The screenshot shows a software interface for UHF module control. The interface includes several buttons and input fields:

- Close Port**: COM5, research
- Get EPC**: polling Stop (highlighted with a red box), Multi EPC (checkbox)
- Read RF Regulation**: Set RF Regulation (highlighted with a red box), EU 865~868 (dropdown menu)
- Read RF power level**: Set RF power level, FF (dropdown menu)
- Timeout**: 200 (dropdown menu)
- READ**: Address: 0000, USER (dropdown), length: 1 (dropdown)
- Write**: Address: 0000, Data: 0000, USER (dropdown), length: 1 (dropdown)
- MDID**

The output window shows the following data:

```
1 EPC : 30002017122000000000000004983C18 13
2 EPC : 3000201712200000000000000491AD31 12
```

Declaration of Conformity

NCC 警告聲明

第 12 條

針對經過認證的低功率頻率電氣機械，任何公司、商號或使用者未經許可均不得予以變更頻率、提高功率或變更原始設計的特性和功能。

第 14 條

低功率電氣機械的使用不可影響導航安全或干擾合法通訊，若發現干擾情事，將暫停服務至有所改善且干擾消失為止。

減少電磁波影響，請妥適使用

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device was tested for PCB Layout operations with the device contacted directly to the human body to the bottom side of the UHF RFID To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting.