

## User manual of JDY-25M iBeacon Machine

iBeacon mode needs to be configured. Please send AT+ROLE3 and then AT+RESET to restart.

Step 1, configure the UUID of iBeacon: AT+IBUUID

Example: AT+IBUUIDFDA50693A4E24FB1AFCFC6EB07647825

Step 2, configure the MAJOR of iBeacon: AT+MAJOR0007

Step 3, configure the MINOR of iBeacon: AT+MINOR000A

For users with high power consumption requirements, power consumption can be reduced through the following instructions,

- 1、 By setting the broadcast interval, like setting the broadcast interval to 500ms, send the instruction: AT+ADVINT4
- 2、 Configure the module to power on sleep , AT+STARTEN0
- 3、 Then send the reset instruction, and the restart will take effect. The module will enter the power on sleep mode after restart. In slave sleep mode, the current is at uA level, the user can send instructions to wake up the module through APP connection, PWRC key and serial port. After wake-up, if the APP is not connected or PWRC does not continue to trigger the falling edge, or the serial port has no data transmission, the module will automatically enter sleep.

For high security requirements, it is generally recommended to open the password.

AT+TYPE1 or AT+TYPE2

Set password: AT+PIN112233

Send reset instruction: AT+RESET

After restart, when the mobile phone is to connect to the module, a password will be required. If the password is wrong, it will be unable to communicate.

The password set above is 112233, just for example, users can set their own decimal format password.

The APP configures the iBeacon parameters. For details, please refer to the APP instructions, Chapter VIII of the standard manual, which is on pages 18 and 19.