

# **WizFi360**

## **Quick Start Guide**

**Version 1.1.1**

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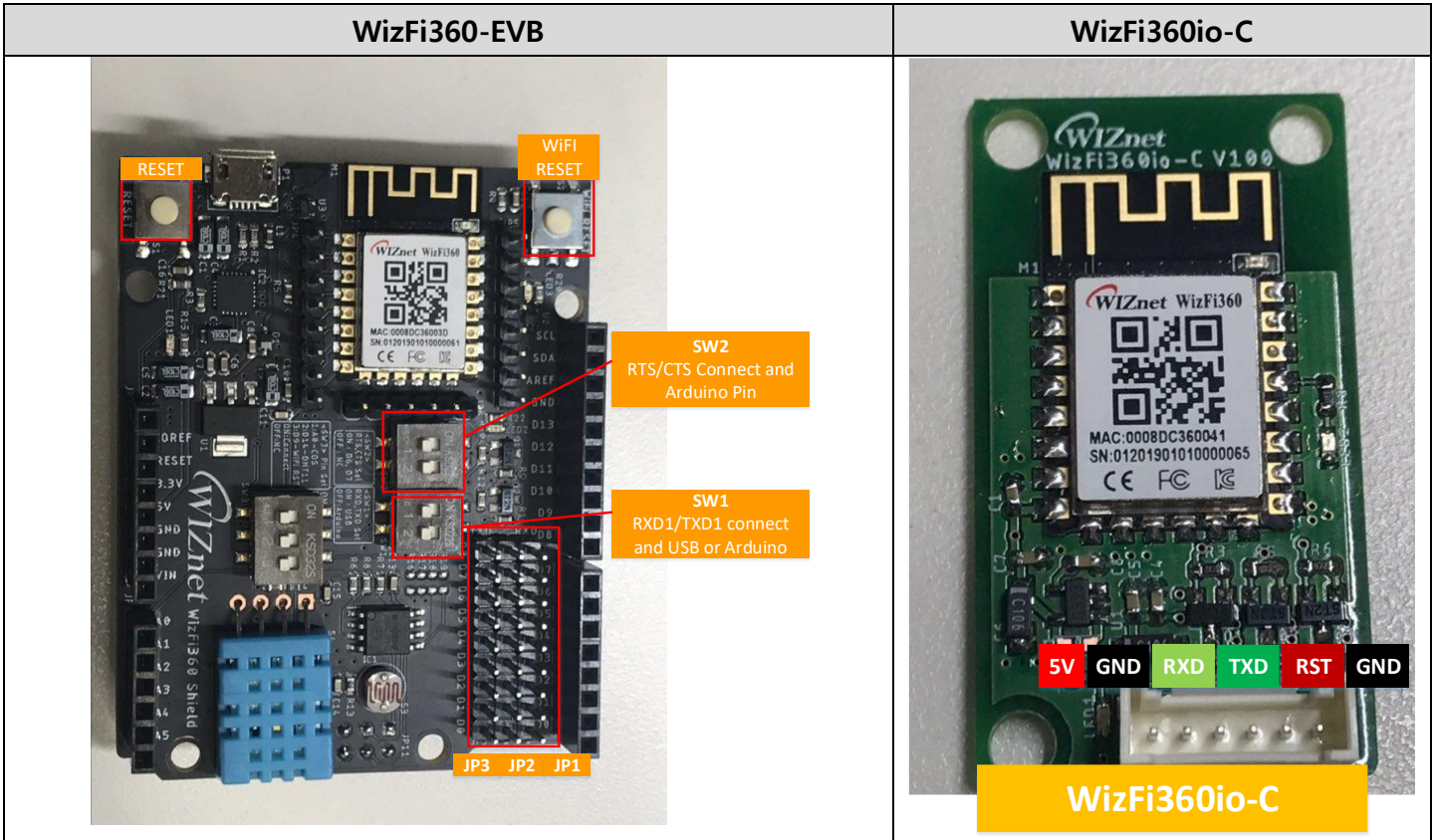
## History

Ver	Date	Description
1.0.0	Aug.2019	Initial version
1.1.0	Sep.2019	Modified environment setting
1.1.1	Sep.2019	Typing error

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# 1. Environment setting



WizFi360-EVB can use the AT command through UART1 and it also can consist that be used as an Arduino Pin. When it use Arduino Pin or USB of WizFi360-EVB, the setting of WizFi360 is as below.

	SW1(RXD1/TXD1)	SW2(RTS/CTS)	JP3(TXD),JP2,JP1(RXD)
Arduino Pin	OFF	ON	JP3<->D0, JP1<->D1
WizFi360 Pin and USB	ON	OFF	X

WizFi360io can use the AT command through UART and there are two types of module, wizFi360io-C and WizFi360io-H.

## 2. Using Serial command

A brief AT command describe for operating of WizFi360 as below. If you need AT command example of another mode, see the documentation called "AT command examples".

### - Station Mode

AT command	Terminal
AT AT+CWMODE_CUR=1 AT+CWDHCP_CUR=1,1 AT+CWLAP AT+CWJAP_CUR="ssid","password" AT+CIPSTA_CUR?	<pre> AT&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; AT+CWMODE_CUR=1&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; AT+CWDHCP_CUR=1,1&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; AT+CWLAP&lt;CR&gt;&lt;LF&gt; +CWLAP:(4,"DIR-815_Wiznet",-59,"[redacted]",1)&lt;CR&gt;&lt;LF&gt; +CWLAP:(0,"ESP_574935",-71,"[redacted]",1)&lt;CR&gt;&lt;LF&gt; +CWLAP:(3,"#WIZnet_irina",-46,"[redacted]",1)&lt;CR&gt;&lt;LF&gt; +CWLAP:(3,"Matthew2.4",-63,"[redacted]",2)&lt;CR&gt;&lt;LF&gt; +CWLAP:(3,"rena",-46,"[redacted]",3)&lt;CR&gt;&lt;LF&gt; +CWLAP:(0,"iptime",-67,"[redacted]",4)&lt;CR&gt;&lt;LF&gt; +CWLAP:(3,"Dap",-63,"[redacted]",5)&lt;CR&gt;&lt;LF&gt; +CWLAP:(0,"ESP_577CC7",-67,"[redacted]",6)&lt;CR&gt;&lt;LF&gt; +CWLAP:(3,"wizms1",-63,"[redacted]",6)&lt;CR&gt;&lt;LF&gt; +CWLAP:(0,"Wizfi360",-69,"[redacted]",6)&lt;CR&gt;&lt;LF&gt; +CWLAP:(4,"DLINK-IPv6",-55,"[redacted]",10)&lt;CR&gt;&lt;LF&gt; +CWLAP:(0,"iptime",-59,"[redacted]",11)&lt;CR&gt;&lt;LF&gt; +CWLAP:(3,"WIZnet_Scott",-51,"[redacted]",11)&lt;CR&gt;&lt;LF&gt; +CWLAP:(0,"WizFi360_A1B2D1",-69,"[redacted]",11)&lt;CR&gt;&lt;LF&gt; +CWLAP:(3,"Teddy_AP",-57,"[redacted]",13)&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; AT+CWJAP_CUR="[redacted]","[redacted]"&lt;CR&gt;&lt;LF&gt; WIFI_DISCONNECT&lt;CR&gt;&lt;LF&gt; WIFI_CONNECTED&lt;CR&gt;&lt;LF&gt; WIFI_GOT_IP&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; AT+CIPSTA_CUR?&lt;CR&gt;&lt;LF&gt; +CIPSTA_CUR:ip:"192.168.1.120"&lt;CR&gt;&lt;LF&gt; +CIPSTA_CUR:gateway:"192.168.1.1"&lt;CR&gt;&lt;LF&gt; +CIPSTA_CUR:netmask:"255.255.255.0"&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt;           </pre>

- TCP Client / Command mode

AT command	Terminal
<pre>AT+CIPSTART="TCP","192.168.1.74",5000 AT+CIPSEND BUF=10     0123456789 =&gt; 10byte data AT+CIPSEND EX=10     012W0 =&gt; 3byte data</pre>	<pre>AT+CIPSTART="TCP","192.168.1.74",5000&lt;CR&gt;&lt;LF&gt; CONNECT&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; AT+CIPSEND BUF=10&lt;CR&gt;&lt;LF&gt; 1,0&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; &gt; 0123456789 &lt;CR&gt;&lt;LF&gt; Recv 10 bytes&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; 1,SEND OK&lt;CR&gt;&lt;LF&gt; AT+CIPSEND EX=10&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; OK&lt;CR&gt;&lt;LF&gt; &gt; 012\0 &lt;CR&gt;&lt;LF&gt; Recv 3 bytes&lt;CR&gt;&lt;LF&gt; &lt;CR&gt;&lt;LF&gt; SEND OK&lt;CR&gt;&lt;LF&gt;</pre>