

WizFi360

Quick Start Guide

Version 1.1.2

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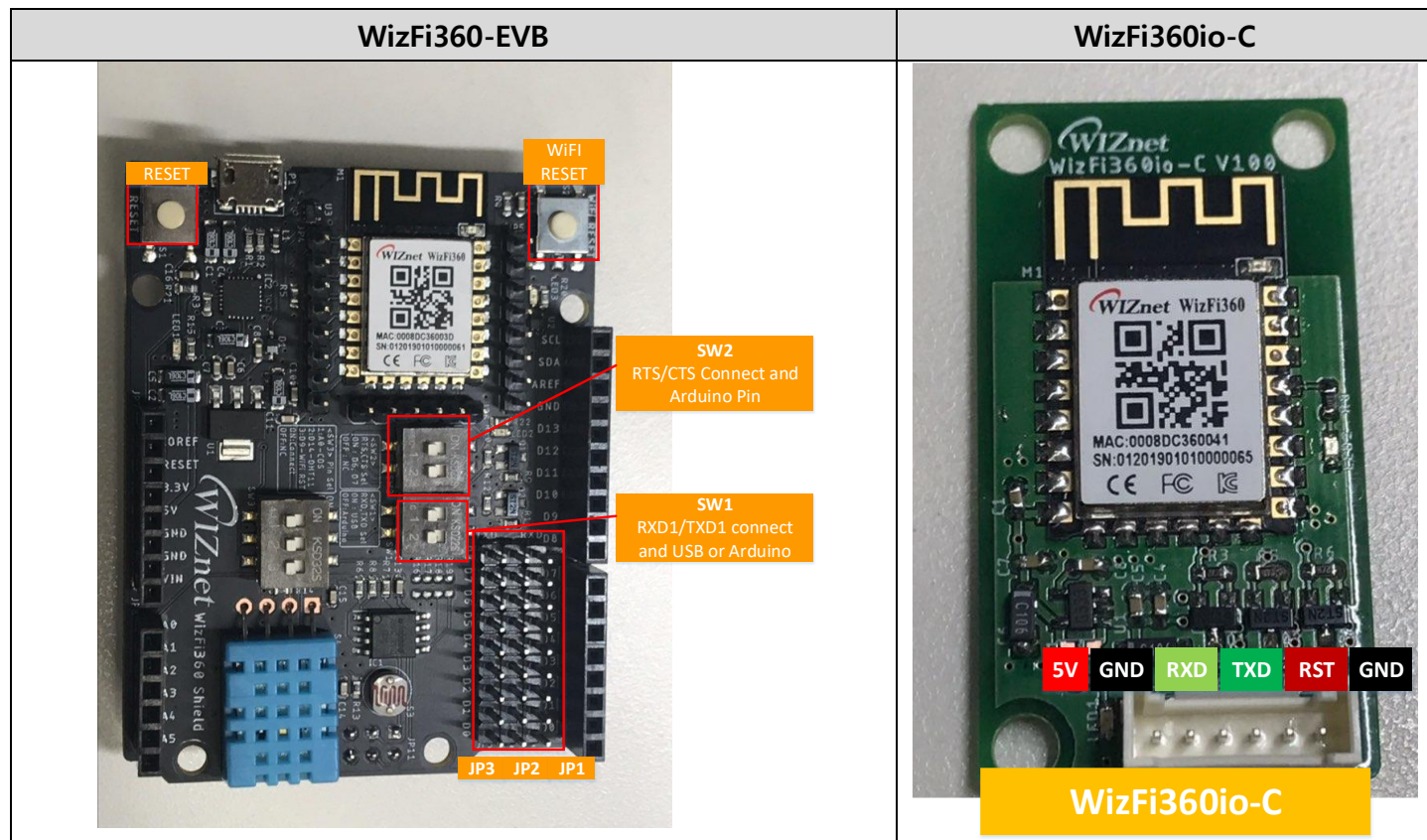
History

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
1.1.2	Oct.2019	Typing error Modified Section 1 description

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1. Environment setting



WizFi360-EVB can be controlled by AT command through UART1. UART1 included in WizFi360-EVB is connected USB port and Arduino pin. Function of UART1 is determined by SW1. UART1's function table according to switches (SW1, SW2) 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 describes 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<CR><LF> <CR><LF> OK<CR><LF> AT+CWMODE_CUR=1<CR><LF> <CR><LF> OK<CR><LF> AT+CWDHCP_CUR=1,1<CR><LF> <CR><LF> OK<CR><LF> AT+CWLAP<CR><LF> +CWLAP:(4,"DIR-815_Wiznet",-59,"",1)<CR><LF> +CWLAP:(0,"ESP_574935",-71,"",1)<CR><LF> +CWLAP:(3,"##WIZnet_irina",-46,"",1)<CR><LF> +CWLAP:(3,"Matthew2.4",-63,"",2)<CR><LF> +CWLAP:(3,"rena",-46,"",3)<CR><LF> +CWLAP:(0,"iptime",-67,"",4)<CR><LF> +CWLAP:(3,"Dap",-63,"",5)<CR><LF> +CWLAP:(0,"ESP_577CC7",-67,"",6)<CR><LF> +CWLAP:(3,"wizms1",-63,"",6)<CR><LF> +CWLAP:(0,"Wizfi360",-69,"",6)<CR><LF> +CWLAP:(4,"DLINK-IPv6",-55,"",10)<CR><LF> +CWLAP:(0,"iptime",-59,"",11)<CR><LF> +CWLAP:(3,"WIZnet_Scott",-51,"",11)<CR><LF> +CWLAP:(0,"WizFi360_A1B2D1",-69,"",11)<CR><LF> +CWLAP:(3,"Teddy_AP",-57,"",13)<CR><LF> <CR><LF> OK<CR><LF> AT+CWJAP_CUR="{ }","{ }"<CR><LF> WIFI_DISCONNECT<CR><LF> WIFI_CONNECTED<CR><LF> WIFI_GOT_IP<CR><LF> <CR><LF> OK<CR><LF> AT+CIPSTA_CUR?<CR><LF> +CIPSTA_CUR:ip:"192.168.1.120"<CR><LF> +CIPSTA_CUR:gateway:"192.168.1.1"<CR><LF> +CIPSTA_CUR:netmask:"255.255.255.0"<CR><LF> <CR><LF> OK<CR><LF> </pre>

- TCP Client / Command mode

AT command	Terminal
AT+CIPSTART="TCP","192.168.1.74",5000 AT+CIPSENDTBUF=10 0123456789 => 10byte data AT+CIPSENDEX=10 012W0 => 3byte data	AT+CIPSTART="TCP","192.168.1.74",5000<CR><LF> CONNECT<CR><LF> <CR><LF> OK<CR><LF> AT+CIPSENDTBUF=10<CR><LF> 1,0<CR><LF> <CR><LF> OK<CR><LF> > 0123456789 <CR><LF> Recv 10 bytes<CR><LF> <CR><LF> 1,SEND OK<CR><LF> AT+CIPSENDEX=10<CR><LF> <CR><LF> OK<CR><LF> > 012\0 <CR><LF> Recv 3 bytes<CR><LF> <CR><LF> SEND OK<CR><LF>