AT Command

Comparison Sheet

Version 1.0.0

http://www.wiznet.io/

1 Document Revision History

Version	Date	Descriptions
Ver. 1.0.0	28AUG2019	Initial Release

2 Comparison Table

Command	Description
AT+WAKEUPGPIO	WizFi360 does not support this command. User can wake up the module using timer. If you set this command, WizFi360 will return ERROR
AT+RFPOWER	
AT+RFVDD	
AT+SYSRAM	
AT+SYSADC	
AT+SYSMSG	WizFi360 does not support this command. If you set this command, WizFi360 will return ERROR.
AT+MDNS	
AT+CIPSSLCCONF	
AT+CIPRECVMODE	
AT+CIPRECVDATA	
AT+CIPRECVLEN	

For the **AT+RESTORE** command:

There is a difference in setting parameter.

	WizFi360	ESP8266
Command	AT+RESTORE[=<type>]	AT+RESTORE
Parameter	<type>: option parameter • 0: Restore only station mac address factory setting (default) • 1: Restore all factory setting	Restore all factory setting

For the **AT+SYSIOSETCFG** and **AT+SYSIOGETCFG** commands:

There is a difference in value of parameter(<pin> and <mode>).
Wizfi360 supports two modes and 12 pins, and ESP8266 supports 17 pins and 5 modes. For more details, refer to [ESP8266 Pin List](#) and Section 3.1.10 of [WizFi360 AT Instruction set](#).

For the **AT+CWJAP** command:

There is a difference in setting parameter.

	WizFi360	ESP8266
Command	AT+CWJAP=<ssid>,<pwd>[,<bssid>]	AT+CWJAP=<ssid>,<pwd>,[<bssid>][,<pci_en>]

WizFi360 does not support <pci_en> parameter. If you set this parameter, WizFi360 will return ERROR.

For the **AT+CWLAPOPT** command:

There is a difference in value of parameter(<mask>).

	WizFi360	ESP8266
Parameter	<mask>:	<mask>:

	- bit 0: <ecn> - bit 1: <ssid> - bit 2: <rssi> - bit 3: <mac> - bit 4: <ch> - bit 5: reserved - bit 6: reserved - bit 7: reserved - bit 8: reserved - bit 9: reserved - bit 10: <wps>	- bit 0: <ecn> - bit 1: <ssid> - bit 2: <rssi> - bit 3: <mac> - bit 4: <ch> - bit 5: <freq offset> - bit 6: <freq calibration> - bit 7: <pairwise_cipher> - bit 8: <group_cipher> - bit 9: <bgn> - bit 10: <wps>

WizFi360 does not support some bit. If you set this bit to 1, WizFi360 will return OK and it is not applied.

AT+CWLAP	There is a difference in returning parameter.

	WizFi360	**ESP8266**
Response	+CWLAP:([<ecn>,<ssid>,<rssi>,<mac>, <channel>,<wps>))	+CWLAP:<ecn>,<ssid>,<rssi>,<mac>,<channel>,<freq offset>,<freqcali>,<pairwise_cipher>,<group_cipher>,<bgn>,<wps>

AT+CIPAPMAC	WizFi360 does not support setting AP MAC address. If you set this parameter, WizFi360 will return OK and it is not applied.

AT+CWCOUNTRY	There is a difference in setting parameter.

	WizFi360	**ESP8266**
Command	AT+CWCOUNTRY_CUR=<policy>,<country_code>,<channel_option>	AT+CWCOUNTRY_CUR=<country_policy>,<country_code>,<start_channel>,<total_channel_count>

Selecting a channel in WizFi360 is different in ESP8266. If you set this command like ESP8266, WizFi360 will return ERROR. Because the number of parameters is different with ESP8266.

AT+CIPSTART	WizFi360 does not support certificate in SSL Connection.
AT+CIPSERVERMAXCONN	There is a difference in value of parameter(<num>). Maximum and default value of <num> are 4 in WizFi360, but 5 in ESP8266. If you set this parameter to 5, WizFi360 will return OK and it is not applied.
AT+MQTTSET AT+MQTTTOPIC AT+MQTTCON AT+MQTTPUB AT+MQTTDIS	ESP8266 does not support this command. For more details, refer to Section 3.3.27 ~ 3.3.31 of WizFi360 AT Instruction set.

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