

# USR-G781 AT Command Set

(Firmware V1.1.05)

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## 1. What is the AT command.

AT command is used for controlling module. You can use AT command to configure and query the settings.

## 2. How to use the AT command

For USR device is in transparent mode normally, you must enter AT command mode at first. Then you can send AT command to configure or query the settings. After you configure the USR device, you should restart the USR device to make the settings take effect. Every time module restart will work in work mode rather AT command mode.

Every AT command must add character carriage return <CR> and line feed <LF>. In Hex, <CR> is 0x0D <LF> is 0x0A.

### 2.1. How to enter AT command mode

Please read this FAQ about entering AT command mode.

<http://www.usriot.com/enter-serial-command-mode/>

## 3. AT command set

Command	Function
<b>Basic Command</b>	
<b>AT</b>	Test command, to test whether the device in active status
<b>H</b>	Query help message
<b>E</b>	Query/Set AT command echo ON/OFF
<b>Z</b>	Software reset
<b>R</b>	Hardware reset
<b>ENTM</b>	Exit serial AT command mode and enter work mode
<b>WKMOD</b>	Query/Set work mode of module
<b>CMDPW</b>	Query/Set transparent AT command password
<b>STMSG</b>	Query/Set Welcome message of module
<b>CSQ</b>	Query RSSI
<b>NETMODE</b>	Query Network mode
<b>CPIN</b>	Query/Set SIM card PIN code
<b>APN</b>	Query/Set APN settings
<b>RELD</b>	Restore user default settings
<b>CLEAR</b>	Restore factory settings

<b>CFGTF</b>	Saving current settings as user default settings
<b>VER</b>	Query firmware version
<b>SN</b>	Query SN code
<b>ICCID</b>	Query ICCID code
<b>IMEI</b>	Query IMEI code
<b>UART and socket command</b>	
<b>UART</b>	Query/Set UART parameters
<b>UARTFT</b>	Query/Set Serial Package interval time
<b>UARTFL</b>	Query/Set Serial Package data length
<b>RFCEN</b>	Query/Set Baud Rate Synchronization function ON/OFF
<b>SOCKA</b>	Query/Set socket A parameter
<b>SOCKB</b>	Query/Set socket B parameter
<b>SOCKC</b>	Query/Set socket C parameter
<b>SOCKD</b>	Query/Set socket D parameter
<b>SOCKAEN</b>	Query/Set socket A ON/OFF
<b>SOCKBEN</b>	Query/Set socket B ON/OFF
<b>SOCKCEN</b>	Query/Set socket C ON/OFF
<b>SOCKDEN</b>	Query/Set socket D ON/OFF
<b>SOCKALK</b>	Query socket A connection status
<b>SOCKBLK</b>	Query socket B connection status
<b>SOCKCLK</b>	Query socket C connection status
<b>SOCKDLK</b>	Query socket D connection status
<b>SOCKIND</b>	Query/Set indicating which socket transparent data from ON/OFF
<b>Identity package command</b>	
<b>REGEN</b>	Query/Set identity package ON/OFF
<b>REGTP</b>	Query/Set identity package type
<b>REGDT</b>	Query/Set user custom identity package data
<b>REGSND</b>	Query/Set Sending Method of identity package
<b>CLOUD</b>	Query/Set USR Cloud settings
<b>Heartbeat package command</b>	
<b>HEARTEN</b>	Query/Set heartbeat package ON/OFF
<b>HEARTDT</b>	Query/Set heartbeat package data
<b>HEARTSND</b>	Query/Set Sending Method of heartbeat package
<b>HEARTTM</b>	Query/Set sending heartbeat package interval time
<b>HTTPD command</b>	
<b>HTPTP</b>	Query/Set HTTP method
<b>HTPURL</b>	Query/Set HTTP URL
<b>HTPSV</b>	Query/Set HTTP Server Address and Port
<b>HTPHD</b>	Query/Set HTTP header
<b>HTPTO</b>	Query/Set timeout time

**HTPFLT**

Query/Set filtering HTTP header of response data ON/OFF

## 4. AT command details

Special Characters		
Character	Note	Hex
<CR>	Carriage Return	0x0D
<LF>	Line Feed	0x0A

### 4.1. AT

Format	
Query	AT<CR>
Return	<CR><LF><OK><CR><LF><CR><LF>OK<CR><LF>

### 4.2. AT+H

Format	
Query	AT+H<CR>
Return	<CR><LF><HELP MESSAGE><CR><LF><CR><LF>OK<CR><LF>

### 4.3. AT+E

Parameter	Description	Default Value	Range
<Status>	Echo of AT command	ON	ON/OFF
Format			
Query	AT+E<CR> or AT+E?<CR>		
Return	<CR><LF>+E:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+E=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

### 4.4. AT+Z

Format	
Set	AT+Z<CR>
Return	<CR><LF>OK<CR><LF>

## 4.5. AT+R

Format	
Set	AT+R<CR>
Return	<CR><LF>OK<CR><LF>

## 4.6. AT+ENTM

Format	
Set	AT+ENTM<CR>
Return	<CR><LF>OK<CR><LF>

## 4.7. AT+WKMOD

Parameter	Description	Default Value	Range
<Mode>	Work mode of module	NET	NET: Network transparent transmission mode
			HTTPD: HTTPD mode
Format			
Query	AT+WKMOD<CR> or AT+WKMOD?<CR>		
Return	<CR><LF>+WKMOD:<Mode><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+WKMOD=<Mode><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.8. AT+CMDPW

Parameter	Default Value	Range
<Password>	www.usr.cn#	1-10 bytes, ASCII
Format		
Query	AT+CMDPW<CR> or AT+CMDPW?<CR>	
Return	<CR><LF>+CMDPW:<Password><CR><LF><CR><LF>OK<CR><LF>	
Set	AT+CMDPW=<Password><CR>	
Return	<CR><LF>OK<CR><LF>	

## 4.9. AT+STMSG

Parameter	Description	Default Value	Range
<Message>	Welcome message of module	USR_G781	0-20 bytes, ASCII
Format			
Query	AT+STMSG<CR> or AT+STMSG?<CR>		

Return	<CR><LF>+STMSG:<Message><CR><LF><CR><LF>OK<CR><LF>
Set	AT+STMSG=<Message><CR>
Return	<CR><LF>OK<CR><LF>

#### 4.10. AT+CSQ

Parameter	Description	Range
<RSSI>	RSSI of module	GSM: 0: <=-110dBm; 2~30: -109dBm~-53dBm; 31: >=-51dBm; 99: Unknown or non-measurable.
		TDSCDMA/WCDMA: 0: <=-115dBm; 1~90: -114dBm~-26dBm; 91: >=-25dBm; 99: Unknown or non-measurable.
		LTE: 0: <=-140dBm; 1~96: -139dBm~-45dBm; 97: >=-44dBm; 99: Unknown or non-measurable.
<b>Format</b>		
Query	AT+CSQ<CR> or AT+CSQ?<CR>	
Return	<CR><LF>+CSQ:<RSSI><CR><LF><CR><LF>OK<CR><LF>	

#### 4.11. AT+NETMODE

Parameter	Description	Range
<Mode>	Network mode	0: No network; 1~8: GSM; CDMA; TDSCDMA; WCDMA; EVDO; LTE; TDDLTE; FDDLTE.
<b>Format</b>		
Query	AT+ NETMODE<CR> or AT+ NETMODE?<CR>	
Return	<CR><LF>+ NETMODE:<Mode><CR><LF><CR><LF>OK<CR><LF>	

#### 4.12. AT+CPIN

<b>Format</b>		
Query	AT+CPIN<CR> or AT+CPIN?<CR>	
Return	<CR><LF>+CPIN:<Code><CR><LF><CR><LF>OK<CR><LF>	
Set	AT+CPIN=<Code><CR>	
Return	<CR><LF>OK<CR><LF>	

#### 4.13. AT+APN

Parameter	Description	Default Value
<Code>	APN code	CMNET
<Name>	User name	No Default Value
<Password>	User password	No Default Value
<AUTH>	Way of authorization	0



Format	
Query	AT+APN<CR> or AT+APN?<CR>
Return	<CR><LF>+APN:<Code><Name><Password><AUTH><CR><LF><CR><LF> OK<CR><LF>
Set	AT+APN=<Code><Name><Password><AUTH><CR>
Return	<CR><LF>OK<CR><LF>

#### 4.14. AT+RELD

Format	
Set	AT+RELD<CR>
Return	<CR><LF>OK<CR><LF>

#### 4.15. AT+CLEAR

Format	
Set	AT+CLEAR<CR>
Return	<CR><LF>OK<CR><LF>

#### 4.16. AT+CFGTF

Format	
Set	AT+CFGTF<CR>
Return	<CR><LF>OK<CR><LF>

#### 4.17. AT+VER

Format	
Query	AT+VER<CR> or AT+VER?<CR>
Return	<CR><LF>+VER:<Version><CR><LF><CR><LF>OK<CR><LF>

#### 4.18. AT+SN

Format	
Query	AT+SN<CR> or AT+SN?<CR>
Return	<CR><LF>+SN:<SN code><CR><LF><CR><LF>OK<CR><LF>

#### 4.19. AT+ICCID

Format	
Query	AT+ICCID<CR> or AT+ICCID?<CR>
Return	<CR><LF>+ICCID:<ICCID code><CR><LF><CR><LF>OK<CR><LF>

## 4.20. AT+IMEI

Format	
Query	AT+IMEI<CR> or AT+IMEI?<CR>
Return	<CR><LF>+IMEI:<IMEI code><CR><LF><CR><LF>OK<CR><LF>

## 4.21. AT+UART

Parameter	Description	Default Value	Range
<Baud rate>	Baud rate	115200	300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400, 460800
<Data bits>	Data bits	8	7,8
<Stop bits>	Stop bits	1	1,2
<Parity>	Parity	NONE	NONE,EVEN,ODD
<Flow Control>	Flow Control	NFC	NFC: No flow control
			485: UART_RTS used to 485 communication
Format			
Query	AT+UART<CR> or AT+UART?<CR>		
Return	<CR><LF>+UART:<Baudrate>,<Parity>,<Data bits>,<Stop bits><Flow Control><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+UART=<Baudrate>,<Parity>,<Data bits>,<Stop bits><Flow Control><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.22. AT+UARTFT

Parameter	Description	Default Value	Range
<Time>	Serial Package interval time	50ms	10~60000ms
Format			
Query	AT+UARTFT<CR> or AT+UARTFT?<CR>		
Return	<CR><LF>+UARTFT:<Time><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+UARTFT=<Time><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.23. AT+UARTFL

Parameter	Description	Default Value	Range
<Length>	Serial Package data length	1000 bytes	1~4096 bytes
Format			
Query	AT+UARTFL<CR> or AT+UARTFL?<CR>		
Return	<CR><LF>+UARTFL:<Length><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+UARTFL=<Length><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.24. AT+RFCEN

Parameter	Description	Default Value	Range
<Status>	Status of Baud Rate Synchronization function	OFF	ON/OFF
Format			
Query	AT+RFCEN<CR> or AT+RFCEN?<CR>		
Return	<CR><LF>+RFCEN:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+RFCEN=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.25. AT+SOCKA

Parameter	Description	Default Value	Range
<Protocol>	Communication protocol	TCPC	TCPS: TCP Server
			TCPC: TCP Client
			UDPS: UDP Server
			UDPC: UDP Client
<Address>	Server address	test.usr.cn	IP address:0.0.0.0-255.255.255.255
			Domain Name
<Port>	Server port	2317	1-65535
Format			
Query	AT+SOCKA<CR> or AT+SOCKA?<CR>		
Return	<CR><LF>+SOCKA:<Protocol>,<Address>,<Port><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKA=<Protocol>,<Address>,<Port><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.26. AT+SOCKB

Parameter	Description	Default Value	Range
<Protocol>	Communication protocol	TCPC	TCPC: TCP Client
			UDPS: UDP Server
			UDPC: UDP Client
<Address>	Server address	test.usr.cn	IP address:0.0.0.0-255.255.255.255
			Domain Name
<Port>	Server port	2317	1-65535
<b>Format</b>			
Query	AT+SOCKB<CR> or AT+SOCKB?<CR>		
Return	<CR><LF>+SOCKB:<Protocol>,<Address>,<Port><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKB=<Protocol>,<Address>,<Port><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.27. AT+SOCKC

Parameter	Description	Default Value	Range
<Protocol>	Communication protocol	TCPC	TCPC: TCP Client
			UDPS: UDP Server
			UDPC: UDP Client
<Address>	Server address	test.usr.cn	IP address:0.0.0.0-255.255.255.255
			Domain Name
<Port>	Server port	2317	1-65535
<b>Format</b>			
Query	AT+SOCKC<CR> or AT+SOCKC?<CR>		
Return	<CR><LF>+SOCKC:<Protocol>,<Address>,<Port><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKC=<Protocol>,<Address>,<Port><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.28. AT+SOCKD

Parameter	Description	Default Value	Range
<Protocol>	Communication protocol	TCPC	TCPC: TCP Client
			UDPS: UDP Server
			UDPC: UDP Client
<Address>	Server address	test.usr.cn	IP address:0.0.0.0-255.255.255.255
			Domain Name
<Port>	Server port	2317	1-65535

Format	
Query	AT+SOCKD<CR> or AT+SOCKD?<CR>
Return	<CR><LF>+SOCKD:<Protocol>,<Address>,<Port><CR><LF><CR><LF>OK<CR><LF>
Set	AT+SOCKD=<Protocol>,<Address>,<Port><CR>
Return	<CR><LF>OK<CR><LF>

#### 4.29. AT+SOCKAEN

Parameter	Description	Default Value	Range
<Status>	Status of socket A	ON	ON/OFF
Format			
Query	AT+SOCKAEN<CR> or AT+SOCKAEN?<CR>		
Return	<CR><LF>+SOCKAEN:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKAEN=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.30. AT+SOCKBEN

Parameter	Description	Default Value	Range
<Status>	Status of socket B	OFF	ON/OFF
Format			
Query	AT+SOCKBEN<CR> or AT+SOCKBEN?<CR>		
Return	<CR><LF>+SOCKBEN:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKBEN=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.31. AT+SOCKCEN

Parameter	Description	Default Value	Range
<Status>	Status of socket C	OFF	ON/OFF
Format			
Query	AT+SOCKCEN<CR> or AT+SOCKCEN?<CR>		
Return	<CR><LF>+SOCKCEN:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKCEN=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.32. AT+SOCKDEN

Parameter	Description	Default Value	Range
<Status>	Status of socket D	OFF	ON/OFF
<b>Format</b>			
Query	AT+SOCKDEN<CR> or AT+SOCKDEN?<CR>		
Return	<CR><LF>+SOCKDEN:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKDEN=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.33. AT+SOCKALK

Parameter	Description	Range
<Status>	Connection status of socket A	ON/OFF
<b>Format</b>		
Query	AT+SOCKALK<CR> or AT+SOCKALK?<CR>	
Return	<CR><LF>+SOCKALK:<Status><CR><LF><CR><LF>OK<CR><LF>	

## 4.34. AT+SOCKBLK

Parameter	Description	Range
<Status>	Connection status of socket B	ON/OFF
<b>Format</b>		
Query	AT+SOCKBLK<CR> or AT+SOCKBLK?<CR>	
Return	<CR><LF>+SOCKBLK:<Status><CR><LF><CR><LF>OK<CR><LF>	

## 4.35. AT+SOCKCLK

Parameter	Description	Range
<Status>	Connection status of socket C	ON/OFF
<b>Format</b>		
Query	AT+SOCKCLK<CR> or AT+SOCKCLK?<CR>	
Return	<CR><LF>+SOCKCLK:<Status><CR><LF><CR><LF>OK<CR><LF>	

## 4.36. AT+SOCKDLK

Parameter	Description	Range
<Status>	Connection status of socket D	ON/OFF
<b>Format</b>		
Query	AT+SOCKDLK<CR> or AT+SOCKDLK?<CR>	

Return	<CR><LF>+SOCKDLK:<Status><CR><LF><CR><LF>OK<CR><LF>
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### 4.37. AT+SOCKIND

Parameter	Description	Default Value	Range
<Status>	Status of indicating which socket transparent data from	OFF	ON/OFF
<b>Format</b>			
Query	AT+SOCKIND<CR> or AT+SOCKIND?<CR>		
Return	<CR><LF>+SOCKIND:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+SOCKIND=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

### 4.38. AT+REGEN

Parameter	Description	Default Value	Range
<Status>	Status of Identity package function	OFF	ON/OFF
<b>Format</b>			
Query	AT+REGEN<CR> or AT+REGEN?<CR>		
Return	<CR><LF>+REGEN:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+REGEN=<Status><CR>		
Return	<CR><LF>OK<CR><LF>		

### 4.39. AT+REGTP

Parameter	Description	Default Value	Range
<Type>	Type of Identity package	USER	ICCID: ICCID code
			IMEI: IMEI code
			CLOUD: USR Cloud information
			USER:User custom data
<b>Format</b>			
Query	AT+REGTP<CR> or AT+REGTP?<CR>		
Return	<CR><LF>+REGTP:<Type><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+REGTP=<Type><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.40. AT+REGDT

Parameter	Description	Default Value	Range
<Data>	Custom identity package data	7777772E75737 22E636E	Less than 256 bytes, HEX format
<b>Format</b>			
Query	AT+REGDT<CR> or AT+REGDT?<CR>		
Return	<CR><LF>+REGDT:<Data><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+REGDT=<Data><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.41. AT+REGSND

Parameter	Description	Default Value	Range
<Type>	Identity package Sending Method	DATA	LINK: Send Identity package before first packet after the connected.
			DATA: Send Identity package in every packet.
<b>Format</b>			
Query	AT+REGSND<CR> or AT+REGSND?<CR>		
Return	<CR><LF>+REGSND:<Type><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+REGSND=<Type><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.42. AT+CLOUD

Parameter	Description	Range
<ID>	USR cloud ID	20 bytes
<PASSWORD>	USR cloud password	8 bytes
<b>Format</b>		
Query	AT+CLOUD<CR> or AT+CLOUD?<CR>	
Return	<CR><LF>+CLOUD:<ID>,<PASSWORD><CR><LF><CR><LF>OK<CR><LF>	
Set	AT+CLOUD=<ID>,<PASSWORD><CR>	
Return	<CR><LF>OK<CR><LF>	

#### 4.43. AT+HEARTEN

Parameter	Description	Default Value	Range
<Status>	Status of Heartbeat package	OFF	ON/OFF
<b>Format</b>			



Query	AT+HEARTEN<CR> or AT+HEARTEN?<CR>
Return	<CR><LF>+HEARTEN:<Status><CR><LF><CR><LF>OK<CR><LF>
Set	AT+HEARTEN=<Status><CR>
Return	<CR><LF>OK<CR><LF>

#### 4.44. AT+HEARTDT

Parameter	Description	Default Value	Range
<Data>	Heartbeat package data	777772E75737 22E636E	2-80 bytes even HEX.
<b>Format</b>			
Query	AT+HEARTDT<CR> or AT+HEARTDT?<CR>		
Return	<CR><LF>+HEARTDT:<Data><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+HEARTDT=<Data><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.45. AT+HEARTSND

Parameter	Description	Default Value	Range
<Type>	Heartbeat package Sending Method	NET	COM:Sending to serial port NET:Sending to Network
<b>Format</b>			
Query	AT+HEARTSND<CR> or AT+HEARTSND?<CR>		
Return	<CR><LF>+HEARTSND:<Type><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+HEARTSND=<Type><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.46. AT+HEARTTM

Parameter	Description	Default Value	Range
<Time>	Heartbeat package Sending interval	30s	1-6000s
<b>Format</b>			
Query	AT+HEARTTM<CR> or AT+HEARTTM?<CR>		
Return	<CR><LF>+HEARTTM:<Time><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+HEARTTM=<Time><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.47. AT+HTPTP

Parameter	Description	Default Value	Range
<Type>	HTTP requesting method	GET	GET/POST
<b>Format</b>			
Query	AT+HTPTP<CR> or AT+HTPTP?<CR>		
Return	<CR><LF>+HTPTP:<Type><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+HTPTP=<Type><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.48. AT+HTPURL

Parameter	Description	Default Value
<URL>	HTTP URL	/1.php[3F]
<b>Format</b>		
Query	AT+HTPURL<CR> or AT+HTPURL?<CR>	
Return	<CR><LF>+HTPURL:<URL><CR><LF><CR><LF>OK<CR><LF>	
Set	AT+HTPURL=<URL><CR>	
Return	<CR><LF>OK<CR><LF>	

#### 4.49. AT+HTPSV

Parameter	Description	Default Value	Range
<Address>	Server address	test.usr.cn	IP address:0.0.0.0-255.255.255.255
			Domain Name
<Port>	Server port	80	1-65535
<b>Format</b>			
Query	AT+HTPSV<CR> or AT+HTPSV?<CR>		
Return	<CR><LF>+HTPSV:<Address>,<Port><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+HTPSV=<Address>,<Port><CR>		
Return	<CR><LF>OK<CR><LF>		

#### 4.50. AT+HTPHD

Parameter	Description	Default Value
<Head>	HTTP header data	Connection: close[0D][0A]
<b>Format</b>		
Query	AT+HTPHD<CR> or AT+HTPHD?<CR>	
Return	<CR><LF>+HTPHD:<Head><CR><LF><CR><LF>OK<CR><LF>	
Set	AT+HTPHD=<Head><CR>	

<b>Return</b>	<b>&lt;CR&gt;&lt;LF&gt;OK&lt;CR&gt;&lt;LF&gt;</b>
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## 4.51. AT+HTPTO

Parameter	Description	Default Value	Range
<Time>	HTTP request timeout time	10s	1~600s
<b>Format</b>			
Query	AT+HTPTO<CR> or AT+HTPTO?<CR>		
Return	<CR><LF>+HTPTO:<Time><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+HTPTO=<Time><CR>		
Return	<CR><LF>OK<CR><LF>		

## 4.52. AT+HTPFLT

Parameter	Description	Default Value	Range
<Status>	Status of filtering HTTP header of response data	OFF	ON/OFF
<b>Format</b>			
Query	AT+HTPFLT<CR> or AT+HTPFLT?<CR>		
Return	<CR><LF>+HTPFLT:<Status><CR><LF><CR><LF>OK<CR><LF>		
Set	AT+HTPFLT=<Status><CR>		
Return:	<CR><LF>OK<CR><LF>		

## 5. Contact

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## 6. Disclaimer

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## 7. Update History

2017-07-26 V1.0.0 created Based on firmware version V1.1.05