

WiFiBee-MT7681 AT Command (V1.1)

No.	AT Command	Description	Example	Return
1	+++	Enter AT Mode (No Line Ending)	+++	OK
2	AT+EXITAT	Exit AT Mode	AT+EXITAT	Exit AT mode
3	AT+HOSTIP	Request Device local IP Address	AT+HOSTIP=?	192.168.1.41
4	AT+HOSTNAME	Request the WiFiBee hostname or set the	AT+HOSTNAME=?	MT7681
			AT+HOSTNAME=jansion	OK
5	AT+VERSION	Request the firmware version information	AT+VERSION=?	V1.0
6	AT+ROLE	Request the device Working Mode: STA Mode or AP Mode (Reboot)	AT+ROLE=?	"STA MODE" or "AP MODE"
			AT+ROLE=ROLE_STA	OK
			AT+ROLE=ROLE_AP	OK
7	AT+SETTING	Restore the default settings	AT+SETTING=DEFAULT	OK
8	AT+RSSI	Request the RSSI	AT+RSSI=?	-59dB
9	AT+GPIO _n	Configure GPIO pinmode Input/Output (GPIO0, GPIO1, GPIO2)	AT+GPIO _n =1 n=0,1,2	Output High Level Return: "OK"
			AT+GPIO _n =0 n=0,1,2	Output Low Level Return: "OK"
			AT+GPIO _n =? n=0,1,2	Request the GPIO Status
			AT+GPIO _{MODE} _n =IN n=0,1,2	Configure GPIOs pinmode to Input Return: "OK"
10	AT+PWM _n	Set GPIO PWM output: AT+PWM _n =FD F: PWM Frequency (1Hz<fre<1000Hz) D: PWM Duty cycle (1%<duty<100%)	Set GPIO 0 output; Duty cycle = 40%; Frequency: 50Hz	OK
			AT+PWM0=F50D40	
11	AT+SSID	Set wifi SSID	AT+SSID=?	Return Wi-Fi SSID
			AT+SSID="Name"	OK
12	AT+PASSWORD	Set wifi Password	AT+PASSWORD=?	Return Wi-Fi Password
			AT+PASSWORD="Password"	OK
13	AT+CONNECT	Connect Wi-Fi (Hot)	AT+CONNECT	OK
14	AT+DISCONNECT	Disconnect Wi-Fi (Hot)	AT+DISCONNECT	OK
15	AT+DFADMIN	Configure Administer Password	AT+DFADMINVERI="Password"	OK: enter administer mode ERROR: Validation fails
			AT+DFADMIN="Password"	OK: Set administer password successfully ERROR: failed (Default password: DFROBOT_JANSION)
16	AT+PEERIP	Check the remote device IP Address (Connected to Port 1000)	AT+PEERIP=?	Remote IP Address
17	AT+FLASH	Read/Write flash address	AT+FLASH+0x18001=?	Return [0x18001]=[0x00]
			AT+FLASH+0x18001=0x1	Print: [0x18001]=[0x01]
18	AT+BAUDRATE	Set UART Baudrate	AT+BAUDRATE=?	115200
			AT+BAUDRATE=9600	OK
19	AT+SOFTAPCONF	Configure AP mode SSID & Password	AT+SOFTAPCONF=?	ssid:softAP, password:12345678
			AT+SOFTAPCONF=rd,12345678	OK
20	AT+REBOOT	Reboot WiFiBee	AT+REBOOT	OK