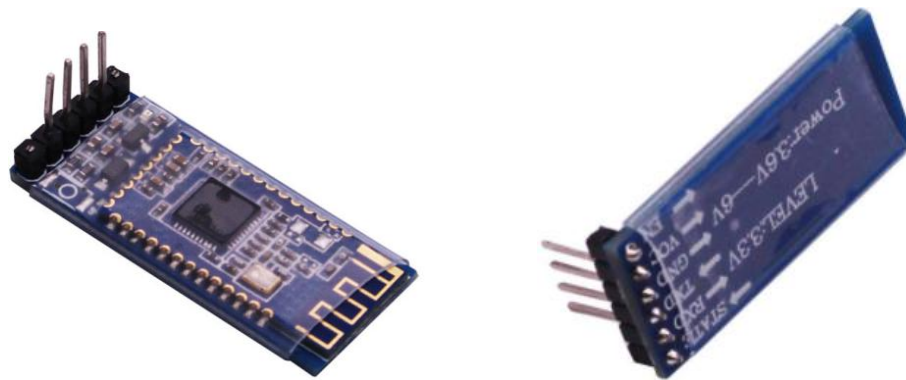**The AT command set commonly used by this Bluetooth 4.0 module:**

Method of enter AT's command : After the Bluetooth module is powered on normally, if it is not paired with other devices, it is in AT mode.

1).test instruction:

Command	Response	Parameter
AT	OK	no

2).Get the version number:

Command	Response	Parameter
AT+VERSION	+VERSION=\<Param>	Param:version number

3).Get the Bluetooth module address:

Command	Response	Parameter
AT+LADDR	+LADDR=\<Param>	Param:Bluetooth module address

4).Set/Inquire Device name:(Restart takes effect)

Command	Response	Parameter
AT+NAME\<Param>	+NAME=\<Param> OK	Param:Bluetooth device name
AT+NAME	+NAME=\<Param>	Default name: "Yahboom_BL" Longest：18 byte

5). Set/Inquire Pairing password:(Restart takes effect)

Command	Response	Parameter
AT+PIN\<Param>	+PIN=\<Param> OK	Param:6 bit pairing password
AT+PIN	+PIN=\<Param>	

6).Set/Inquire Module authentication work type:(Restart takes effect)

Command	Response	Parameter
AT+TYPE\<Param>	+TYPE=\<Param> OK	Param:（0~3） 0---no password
AT+TYPE	+TYPE=\<Param>	1---Easy pairing 2---password pairing 3---password pairing and binding

		Default value:0

7).Set/Inquire Serial port baud rate:

Command	Response	Parameter
AT+BAUD<Param>	OK	Param: baud rate(bit/s)
AT+BAUD	+BAUD=<Param> OK	1---1200
		2---2400
		3---4800
		4---9600
		5---19200
		6---38400
		7----57600
		8----115200
		9----230400
		Default :4

8).Set/Inquire Serial port stop bit

Command	Response	Parameter
AT+STOP<Param>	+STOP=<Param> OK	Param: (0,1)
		0---1
AT+STOP	+STOP=<Param> OK	1---2
		Default :0

9).Set/Inquire Serial parity bit

Command	Response	Parameter
AT+PARI<Param>	+PARI=<Param> OK	Param: (0,1, 2)
		0---No parity
AT+PARI	+PARI=<Param>	1---Odd parity
		2----Even parity
		Default :0

10).Start work order

Command	Response	Parameter
AT+START<Param>	OK	NO

11).Set/Inquire Master-Slave mode

Command	Response	Parameter
AT+ROLE<Param>	+ROLE=<Param> OK	Param: (0,1)
		0---Slave devices
AT+ROLE	+ROLE=<Param>	1---Master devices
		Default :0

After the role is set, it needs to be restarted to take effect. When the hardware sets the master-slave mode state, you can use AT+ROLE to query. The setting command cannot change the master-slave mode.

12).Search for Bluetooth devices

Command	Response	Parameter
AT+INQ	OK	NO

Example:

Send search for:

AT+INQ\r\n

Back:

OK\r\n

+INQS\r\n   --------- start

+INQ:0 0x001583000001\r\n   -------- Bluetooth devices name0

+INQ:0 0x001583000002\r\n   -------- Bluetooth devices name1

....

+INQE\r\n   --------- End