Content

AT

AT	
Description	Instructions to test the AT framework works properly
Response	OK　AT instruction test success
	ERR　The AT instruction test failed
Example	Send：AT Response：OK

AT+SAVE

AT+SAVE	
Description	Save the configuration
Response	OK　Save success

	ERR　Save failed
Example	Send：AT+SAVE Response：OK

AT+GETVER

AT+GETVER	
Description	Get the software version
Response	OK　The AT instruction was processed successfully
	ERR　The AT instruction processing has failed
Example	Send： AT+RESTORE Response： getver software:V1.0.0 OK

AT+RESTART

AT+RESTART	
Description	Restart
Response	OK　The AT instruction was processed successfully
	ERR　The AT instruction processing has failed
Example	Send：AT+RESTART Response：OK

AT+RESTORE

AT+RESTORE	
Description	Restore factory mode
Response	OK The AT instruction was processed successfully
	ERR The AT instruction processing has failed
Example	Send: AT+RESTORE Response: OK

AT+GETCFG

AT+GETCFG	
Description	Get configuration information
Response	OK The AT instruction was processed successfully
	ERR The AT instruction processing has failed
Example	Send: AT+GETCFG Response: getcfg ID:0, Role:0, CH:1, Rate:1 OK

AT+SETCFG

AT+SETCFG=X1,X2,X3,X4	
Description	Set configuration information (configure to execute save instructions) x1: Device ID(0~10) x2: Device role (0: tag 1: base station) x3: Device channel (0:channel 9 1:channel 5)

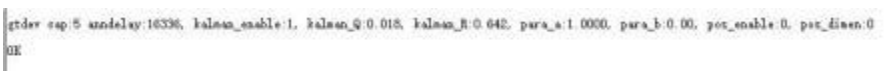
	x4:Device rate (0:850K 1:6.8M)
Response	OK The AT instruction was processed successfully
	ERR The AT instruction processing has failed
Example	Send: AT+SETCFG=0,1,0,1 Response: setcfg ID:0, Role:1, CH:0, Rate:1 OK

AT+GETDEV

AT+GETDEV	
Description	Gets the set coefficient
Response	OK The AT instruction was processed successfully
	ERR The AT instruction processing has failed
Example	Send: AT+GETDEV Response: OK

AT+SETDEV

AT+SETDEV=X1,X2,X3,X4,X5,X6,X7,X8,X9	
Description	Set the coefficient of the device (after executing the save instructions) x1: Label capacity (label refresh rate) x2: Antenna delay parameter x3: Whether the Kalman filter enables the bits x4: The Kalman filter parameters Q x5: The Kalman filter parameters R x6: Correction parameters a x7: Correction parameters b

	x8:Whether to enable the positioning x9:Positioning dimension setting
Response	OK The AT instruction was processed successfully
	ERR The AT instruction processing has failed
Example	Send：AT+SETDEV=5,16336,1,0.018,0.642,1.0000,0.00,0,0 Response： 

AT+GETWORKMODE

AT+GETWORKMODE	
Description	Query working mode （0：Normal working mode 1：Production test mode）
Response	OK The AT instruction was processed successfully
	ERR The AT instruction processing has failed
Example	Send：AT+GETWORKMODE Response：work mode: 0 OK

AT+SETWORKMODE

AT+SETWORKMODE=X	
Description	Set the working mode X:0：Normal working mode 1：Production test mode
Response	OK The AT instruction was processed successfully
	ERR The AT instruction processing has failed
Example	Send：AT+SETWORKMODE=1 Response：workmode: 1

	ok

The following is the development board production test instructions

AT+GETSENSOR

AT+GETSENSOR	
Description	Obtain the acceleration sensor data
Response	OK　The AT instruction was processed successfully
	ERR　The AT instruction processing has failed
Example	Send： AT+GETSENSOR Response： acc_x:0.000000 acc_x:0.000000 acc_x:0.000000 angle:0.000000 OK

AT+TESTLED

AT+TESTLED = X	
Description	Start / stop the development board led (water lamp) test (Note: Use before performing AT + SETCFG configuration device information and enter instructions to stop test led before AT + SETCFG configuration) X: 1: Start test led 0: stop test led
Response	OK　The AT instruction was processed successfully
	ERR　The AT instruction processing has failed
Example	Send：AT+TESTLED = 1

	Response：OK

AT+TESTOLED

AT+TESTOLED	
Description	Test and development board screen (screen display) (Note: Use before performing AT + SETCFG configuration device information)
Response	OK　The AT instruction was processed successfully
	ERR　The AT instruction processing has failed
Example	Send：AT+TESTOLED=HELLO TEST! Response：OK

AT+DISTANCE

AT+DISTANCE	
Description	Distance measurement
Response	OK　The AT instruction was processed successfully
	ERR　The AT instruction processing has failed
Example	Send：AT+DISTANCE Response：distance: 0.340000 OK