

Template:SAS device Parameter list - Bluetooth 4.0

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Bluetooth 4.0

Common Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
1115	Uint8	0	0	1	0 - Disable 1 - Enable	Non Stop Scan
1100	Int32	120	30	65535	Seconds	BLE Scan start period
1113	Int32	60	5	120	Seconds	BLE Scan duration
1114	Int32	30	0	65535	Seconds	Scan retries untill error
1110	Int8	4	0	6	0 - 1 1 - 2 2 - 3 3 - 4 4 - 5 5 - 6 6 - 7	BT Power level
1111	String	""	4	4	Value	BLE broadcasting service ID
1112	Int8	1	0	1	0 - Prohibit 1 - Allow	BLE connection control
1116	Int8	0	0	1	0 - Disable 1 - Enable	Backup Tracker

BLE Serial Encryption

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
60109	String	""	32	32	Value	BLE Encryption Key

BLE Connectionless Functionalities

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name	Connection
			Min	Max			

1200	UInt8	0	0	2	0 - Disabled	Working mode	#1
					1 - TZ-BT04/05/05B sensor		
					2 - Advanced		
1201	UInt8	""	0	12	Number	ID (If working mode - 1)	
1202	UInt8	""	0	12	Number	MAC (If working mode - 2)	
25000-25009	UInt8	""	01	FF	Hexadecimal value	1st Sensor type	
25010-25019	UInt8	0	0	128	Start index	1st Sensor Data Offset	
25020-25029	UInt8	0	0	128	Value	1st Sensor Data Size	
25030-25039	UInt16	0	0	1	0 - Match	1st Sensor Action	
					1 - Save		
25040-25049	UInt16	0	0	7	0 - None	1st Sensor IO	
					1 - Temperature		
					2 - Battery		
					3 - Humidity		
					4 - Custom		
					5 - Fuel		
					6 - Luminosity		
					7 - Fuel Frequency		
25050-25059	UInt8	""	0	20	Hexadecimal value	1st Sensor match	
25060-25069	UInt16	0	0	1	0 - Little Endian	1st Sensor Endianess	
					1 - Big Endian		
25070-25079	UInt8	1	-10000	10000	Number	1st Sensor Multiplier	
25080-25089	UInt8	0	-32768	32767	Number	1st Sensor Offset	
1250	UInt8	0	0	2	0 - Disabled	Working mode	#2
					1 - TZ-BT04/05/05B sensor		
					2 - Advanced		
1251	UInt8	""	0	12	Number	ID (If working mode - 1)	
1252	UInt8	""	0	12	Number	MAC (If working mode - 2)	
25200-25209	UInt8	""	01	FF	Hexadecimal value	2nd Sensor type	
25210-25219	UInt8	0	0	128	Start index	2nd Sensor Data Offset	
25220-25229	UInt8	0	0	128	Value	2nd Sensor Data Size	
25230-25239	UInt16	0	0	1	0 - Match	2nd Sensor Action	
					1 - Save		
25240-25249	UInt16	0	0	7	0 - None	2nd Sensor IO	
					1 - Temperature		
					2 - Battery		
					3 - Humidity		
					4 - Custom		
					5 - Fuel		
					6 - Luminosity		
					7 - Fuel Frequency		
25250-25259	UInt8	""	0	20	Hexadecimal value	2nd Sensor match	
25260-25269	UInt16	0	0	1	0 - Little Endian	2nd Sensor Endianess	
					1 - Big Endian		
25270-25279	UInt8	1	-10000	10000	Number	2nd Sensor Multiplier	
25280-25289	UInt8	0	-32768	32767	Number	2nd Sensor Offset	

1300	UInt8	0	0	2	0 - Disabled	Working mode	#3
					1 - TZ-BT04/05/05B sensor		
					2 - Advanced		
1301	UInt8	""	0	12	Number	ID (If working mode - 1)	
1302	UInt8	""	0	12	Number	MAC (If working mode - 2)	
25400-25409	UInt8	""	01	FF	Hexadecimal value	3rd Sensor type	
25410-25419	UInt8	0	0	128	Start index	3rd Sensor Data Offset	
25420-25429	UInt8	0	0	128	Value	3rd Sensor Data Size	
25430-25439	UInt16	0	0	1	0 - Match	3rd Sensor Action	
					1 - Save		
25440-25449	UInt16	0	0	7	0 - None	3rd Sensor IO	
					1 - Temperature		
					2 - Battery		
					3 - Humidity		
					4 - Custom		
					5 - Fuel		
					6 - Luminosity		
					7 - Fuel Frequency		
25450-25459	UInt8	""	0	20	Hexadecimal value	3rd Sensor match	
25460-25469	UInt16	0	0	1	0 - Little Endian	3rd Sensor Endianess	
					1 - Big Endian		
25470-25479	UInt8	1	-10000	10000	Number	3rd Sensor Multiplier	
25480-25489	UInt8	0	-32768	32767	Number	3rd Sensor Offset	
1350	UInt8	0	0	2	0 - Disabled	Working mode	#4
					1 - TZ-BT04/05/05B sensor		
					2 - Advanced		
1351	UInt8	""	0	12	Number	ID (If working mode - 1)	
1352	UInt8	""	0	12	Number	MAC (If working mode - 2)	
25600-25609	UInt8	""	01	FF	Hexadecimal value	4th Sensor type	
25610-25619	UInt8	0	0	128	Start index	4th Sensor Data Offset	
25620-25629	UInt8	0	0	128	Value	4th Sensor Data Size	
25630-25639	UInt16	0	0	1	0 - Match	4th Sensor Action	
					1 - Save		
25640-25649	UInt16	0	0	7	0 - None	4th Sensor IO	
					1 - Temperature		
					2 - Battery		
					3 - Humidity		
					4 - Custom		
					5 - Fuel		
					6 - Luminosity		
					7 - Fuel Frequency		
25650-25659	UInt8	""	0	20	Hexadecimal value	4th Sensor match	
25660-25669	UInt16	0	0	1	0 - Little Endian	4th Sensor Endianess	
					1 - Big Endian		
25670-25679	UInt8	1	-10000	10000	Number	4th Sensor Multiplier	
25680-25689	UInt8	0	-32768	32767	Number	4th Sensor Offset	