

# Template:SAS device Parameter list - Communication modifications RS485

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## RS485

### Mode

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
150	Uint16	0	0	1	0 - Disable 1 - RS485	External UART Mode

### RS485 Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
160	Uint16	0	0	1	0 - Log Mode 1 - NMEA 2 - TCP Ascii 3 - TCP Binary 4 - SuperSoco	RS485 Mode
153	Uint16	1	0	1	0 - Default 1 - None 2 - Odd 3 - Even	Parity
161	Uint16	0	0	1	0 - Default 1 - 9600 2 - 14400 3 - 19200 4 - 38400 5 - 57600 6 - 115200	Baudrate
158	Uint16	0	0	1	0 - Disable 1 - Enable	Message Timestamp

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name	
			Min	Max			
154	Uint8	0	0	255	-	Prefix 1	<b>TCP Binary Mode Settings</b>
155	Uint8	0	0	255	-	Prefix 2	
156	Uint8	0	0	255	-	Prefix 3	

# RS485 I/O

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name	Input name	RS485 Protocol
			Min	Max				
252	Uint8	90	1	255	centimeters	Wheel diameter		
Parameter ID	Parameter Type	Default value	Min	Max	Value	Parameter name	Input name	RS485 Protocol
52320	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	Power	Super Soco
52323	Uint8	0	0	3	-	Low Level		
52322	Uint8	0	0	3	-	High Level		
52324	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52321	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7435	Uint8	0	0	10	Predefined Number	Send SMS To		
8435	String	Power	0	160	Predefined Number	SMS Text		
52330	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	Current Trip Range	Super Soco
52333	Uint8	0	0		Meterse	Low Level		
52332	Uint8	0	0		Meters	High Level		
52334	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52331	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7436	Uint8	0	0	10	Predefined Number	Send SMS To		
8436	String	Current trip range	0	160	Predefined Number	SMS Text		
52340	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	Total trip Range	Super Soco
52343	Uint8	0	0		Meters	Low Level		
52342	Uint8	0	0		Meters	High Level		
52344	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52341	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7437	Uint8	0	0	10	Predefined Number	Send SMS To		
8437	String	Total Trip Range	0	160	Predefined Number	SMS Text		

52350	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Battery Capacity</b>	<b>Super Soco</b>
52353	Uint8	0	0	255	%	Low Level		
52352	Uint8	0	0	255	%	High Level		
52354	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52351	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7438	Uint8	0	0	10	Predefined Number	Send SMS To		
8438	String	Voltage	0	160	Predefined Number	SMS Text		
52360	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Low Voltage</b>	<b>Super Soco</b>
52363	Uint8	0	0	0	-	Low Level		
52362	Uint8	0	0	1	-	High Level		
52364	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52361	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7439	Uint8	0	0	10	Predefined Number	Send SMS To		
8439	String	Low Voltage	0	160	Predefined Number	SMS Text		
52370	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>High temperature</b>	<b>Super Soco</b>
52373	Uint8	0	0	0	-	Low Level		
52372	Uint8	0	0	1	-	High Level		
52374	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52371	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7440	Uint8	0	0	10	Predefined Number	Send SMS To		
8440	String	High Temperature	0	160	Predefined Number	SMS Text		
52380	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Upload Time</b>	<b>Super Soco</b>
52383	Uint8	0	0	0	-	Low Level		
52382	Uint8	0	0	1	-	High Level		
52384	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52381	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7441	Uint8	0	0	10	Predefined Number	Send SMS To		
8441	String	Upload Time	0	160	Predefined Number	SMS Text		

52390	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Moving Abnormal</b>	<b>Super Soco</b>
52393	Uint8	0	0	0	-	Low Level		
52392	Uint8	0	0	1	-	High Level		
52394	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52391	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7442	Uint8	0	0	10	Predefined Number	Send SMS To		
8442	String	Moving Abnormal	0	160	Predefined Number	SMS Text		
52400	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Range km</b>	<b>Super Soco</b>
52403	Uint8	0	0	65535	Kilometers	Low Level		
52402	Uint8	0	0	65535	Kilometers	High Level		
52404	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52401	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7443	Uint8	0	0	10	Predefined Number	Send SMS To		
8443	String	Range km	0	160	Predefined Number	SMS Text		
52410	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Lock Status</b>	<b>Super Soco</b>
52413	Uint8	0	0	0	-	Low Level		
52412	Uint8	0	0	1	-	High Level		
52414	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52411	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7444	Uint8	0	0	10	Predefined Number	Send SMS To		
8444	String	Lock Status	0	160	Predefined Number	SMS Text		
52420	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Vehicle FW version</b>	<b>Super Soco</b>
52423	Uint8	0	0	65535	-	Low Level		
52422	Uint8	0	0	65535	-	High Level		
52424	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52421	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7445	Uint8	0	0	10	Predefined Number	Send SMS To		
8445	String	Vehicle FW version	0	160	Predefined Number	SMS Text		

52430	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Total Range</b>	<b>Super Soco</b>
52433	Uint8	0	0		Kilometers	Low Level		
52432	Uint8	0	0		Kilometers	High Level		
52434	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52431	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7446	Uint8	0	0	10	Predefined Number	Send SMS To		
8446	String	Total Range	0	160	Predefined Number	SMS Text		
52440	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Battery Capacity</b>	<b>Super Soco</b>
52443	Uint8	0	0		kW*h	Low Level		
52442	Uint8	0	0		kW*h	High Level		
52444	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52441	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7447	Uint8	0	0	10	Predefined Number	Send SMS To		
8447	String	Battery Capacity	0	160	Predefined Number	SMS Text		
52450	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Power System Error</b>	<b>Super Soco</b>
52454	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52451	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7448	Uint8	0	0	10	Predefined Number	Send SMS To		
8448	String	Power System Error Code	0	160	Predefined Number	SMS Text		
52460	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Power Train Error</b>	<b>Super Soco</b>
52464	Uint8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
52461	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
7449	Uint8	0	0	10	Predefined Number	Send SMS To		
8449	String	Power Train Error Code	0	160	Predefined Number	SMS Text		

<b>52470</b>	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	<b>Power System Error</b>	<b>Super Soco</b>
<b>52474</b>	UInt8	0	0	2	0 - No 1 - Yes 2 - Crash	Event Only		
<b>52471</b>	UInt8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand		
<b>7450</b>	UInt8	0	0	10	Predefined Number	Send SMS To		
<b>8450</b>	String	Instrument System Error Code	0	160	Predefined Number	SMS Text		