Modbus Register
B3500ul, B3500c, B3500s, B3500dw, B3500e

V1.1

Be Right™

Name	Register	Data Type	Length	Access Mode	Discrete Range	Min / Max	Description
find complete register list on the next pages	0		1				for B3500 Software min. V02.12.00

Modbus Register
B3500 BioTector TOC Analyzer
V 1.1

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B3500 BioTector TOC Analyzer V 1.1
REACTION RESULTS Registers

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
STREAM_1_RLOG_TIC	40001 40002	Float	2	R	< -1.0e6,1.0e6 >	Stream 1: TIC Last on-line TIC reading Note: reading this register updates the value in its _TIME register.
STREAM_1_RLOG_TOC	40003 40004	Float	2	R	< -1.0e6,1.0e6 >	Stream 1: TOC Last on-line TOC reading Note: reading this register updates the value in its _TIME register.
STREAM_1_RLOG_TC	40005 40006	Float	2	R	< -1.0e6,1.0e6 >	Stream 1: TC Last on-line TC reading Note: reading this register updates the value in its _TIME register.
STREAM_1_RLOG_VOC	40007 40008	Float	2	R	< -1.0e6,1.0e6 >	Stream 1: VOC Last on-line VOC reading Note: reading this register updates the value in its _TIME register.
STREAM_1_RLOG_COD	40013 40014	Float	2	R	< -1.0e6,1.0e6 >	Stream 1: COD Last on-line COD reading Note: reading this register updates the value in its _TIME register.
STREAM_1_RLOG_BOD	40015 40016	Float	2	R	< -1.0e6,1.0e6 >	Stream 1: BOD Last on-line BOD reading Note: reading this register updates the value in its _TIME register.
STREAM_2_RLOG_TIC	40029 40030	Float	2	R	< -1.0e6,1.0e6 >	Stream 2: TIC Last on-line TIC reading Note: reading this register updates the value in its _TIME register.
STREAM_2_RLOG_TOC	40031 40032	Float	2	R	< -1.0e6,1.0e6 >	Stream 2: TOC Last on-line TOC reading Note: reading this register updates the value in its _TIME register.
STREAM_2_RLOG_TC	40033 40034	Float	2	R	< -1.0e6,1.0e6 >	Stream 2: TC Last on-line TC reading Note: reading this register updates the value in its _TIME register.
STREAM_2_RLOG_VOC	40035 40036	Float	2	R	< -1.0e6,1.0e6 >	Stream 2: VOC Last on-line VOC reading Note: reading this register updates the value in its _TIME register.
STREAM_2_RLOG_COD	40041 40042	Float	2	R	< -1.0e6,1.0e6 >	Stream 2: COD Last on-line COD reading Note: reading this register updates the value in its _TIME register.
STREAM_2_RLOG_BOD	40043 40044	Float	2	R	< -1.0e6,1.0e6 >	Stream 2: BOD Last on-line BOD reading Note: reading this register updates the value in its _TIME register.

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
STREAM_3_RLOG_TIC	40057 40058	Float	2	R	< -1.0e6,1.0e6 >	Stream 3: TIC Last on-line TIC reading Note: reading this register updates the value in its _TIME register.
STREAM_3_RLOG_TOC	40059 40060	Float	2	R	< -1.0e6,1.0e6 >	Stream 3: TOC Last on-line TOC reading Note: reading this register updates the value in its _TIME register.
STREAM_3_RLOG_TC	40061 40062	Float	2	R	< -1.0e6,1.0e6 >	Stream 3: TC Last on-line TC reading Note: reading this register updates the value in its _TIME register.
STREAM_3_RLOG_VOC	40063 40064	Float	2	R	< -1.0e6,1.0e6 >	Stream 3: VOC Last on-line VOC reading Note: reading this register updates the value in its _TIME register.
STREAM_3_RLOG_COD	40069 40070	Float	2	R	< -1.0e6,1.0e6 >	Stream 3: COD Last on-line COD reading Note: reading this register updates the value in its _TIME register.
STREAM_3_RLOG_BOD	40071 40072	Float	2	R	< -1.0e6,1.0e6 >	Stream 3: BOD Last on-line BOD reading Note: reading this register updates the value in its _TIME register.
RLOG_SMPL_STATUS	40200 40201	Float	2	R	< 0.0,100.0 >	Sample status Quality of sample, measured by the ultrasonic sensor Note: reading this register updates the value in its _TIME register.
RLOG_SMPL_STATUS_TIME	40202 40203	integer	2	R	0x00000000-0xFFFFFFFF	Time, Date of last Sample status reading
STREAM_1_RLOG_TIC_TIME	40300 40301	integer	2	R	0x00000000-0xFFFFFFFF	Stream 1: Time, Date of last on-line TIC reading
STREAM_1_RLOG_TOC_TIME	40302 40303	integer	2	R	0x00000000-0xFFFFFFFF	Stream 1: Time, Date of last on-line TOC reading
STREAM_1_RLOG_TC_TIME	40304 40305	integer	2	R	0x00000000-0xFFFFFFFF	Stream 1: Time, Date of last on-line TC reading
STREAM_1_RLOG_VOC_TIME	40306 40307	integer	2	R	0x00000000-0xFFFFFFFF	Stream 1: Time, Date of last on-line VOC reading
STREAM_1_RLOG_COD_TIME	40312 40313	integer	2	R	0x00000000-0xFFFFFFFF	Stream 1: Time, Date of last on-line COD reading
STREAM_1_RLOG_BOD_TIME	40314 40315	integer	2	R	0x00000000-0xFFFFFFFF	Stream 1: Time, Date of last on-line BOD reading
STREAM_2_RLOG_TIC_TIME	40328 40329	integer	2	R	0x00000000-0xFFFFFFFF	Stream 2: Time, Date of last on-line TIC reading

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
STREAM_2_RLOG_TOC_TIME	40330 40331	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 2: Time, Date of last on-line TOC reading
STREAM_2_RLOG_TC_TIME	40332 40333	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 2: Time, Date of last on-line TC reading
STREAM_2_RLOG_VOC_TIME	40334 40335	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 2: Time, Date of last on-line VOC reading
STREAM_2_RLOG_COD_TIME	40340 40341	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 2: Time, Date of last on-line COD reading
STREAM_2_RLOG_BOD_TIME	40342 40343	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 2: Time, Date of last on-line BOD reading
STREAM_3_RLOG_TIC_TIME	40356 40357	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 3: Time, Date of last on-line TIC reading
STREAM_3_RLOG_TOC_TIME	40358 40359	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 3: Time, Date of last on-line TOC reading
STREAM_3_RLOG_TC_TIME	40360 40361	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 3: Time, Date of last on-line TC reading
STREAM_3_RLOG_VOC_TIME	40362 40363	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 3: Time, Date of last on-line VOC reading
STREAM_3_RLOG_COD_TIME	40368 40369	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 3: Time, Date of last on-line COD reading
STREAM_3_RLOG_BOD_TIME	40370 40371	integer	2	R	0x00000000- 0xFFFFFFFF	Stream 3: Time, Date of last on-line BOD reading

B3500 BioTector TOC Analyzer V 1.1
SETTINGS, CALIBRATION AND DIAGNOSTICS Registers

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
DEVICE_ADDR	40500	integer	1	R/W	0x0000-0x00C8	Device address on Modbus network.
DEVICE_ID	40501	integer	1	R/W	0x0000-0xFFFF	Device class ID code.
MANUF_ID	40502	integer	1	R/W	0x0000-0x00FF	Manufacture ID code.
DEVICE_SERIAL_ID	40503 40504 40505	uint48	3	R	0x000000000000- 0xFFFFFFFFFFFF	Device serial number.
PROTO_REV	40506	integer	1	R	0x0000-0x9999	Modbus protocol implementation revision, expressed in BCD code. rev AA.BB → 0xAABB
FRMW_REV	40507	integer	1	R	0x0000-0x9999	Device firmware revision, expressed in BCD code. rev AA.BB → 0xAABB
REGS_MAP_REV	40508	integer	1	R	0x0000-0x9999	Device Modbus registers map, expressed in BCD code. rev AA.BB → 0xAABB
LOCATION_STR	40509 40510 40511 40512 40513 40514 40515 40516	string	8	R/W	max. 16chars	Device location text info. The string has to be null terminated if shorter than max. size.
BAUDRATE	40517	integer	1	R/W	0x0000-0x0008	Indexed device baud rate used on Modbus. 0 – 1200 bps 1 – 2400 bps 2 – 4800 bps 3 – 9600 bps 4 – 14400 bps 5 – 19200 bps 6 – 38400 bps 7 – 57600 bps 8 – 115200 bps *Note: default value should be 7, 57600bps.*
SYS_TIMEDATE	40518 40519	integer	2	R/W	0x00000000- 0xFFFFFFFF	System time & date in seconds elapsed since 1.1.1970. *Note: this reg can be changed only when system is fully stopped.*

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
SYS_TIME	40520	integer	1	R/W	0x0000-0x3B3B	System time, encoded in higher/lower bytes. HH:MM → 0xHHMM *Note: this reg can be changed only when system is fully stopped.*
SYS_DATE	40521 40522	integer	2	R/W	0x00000000-0x1F0C0833	System date, encoded in 4 bytes bytes. higher word DAY:MON → 0xDDMM lower word YEAR → 0x0YYY *Note: this reg can be changed only when system is fully stopped.*
REACT_TIC_RANGE1	40550 40551	Float	2	R	< 0.0,1000000.0 >	TIC range 1 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
REACT_TIC_RANGE2	40552 40553	Float	2	R	< 0.0,1000000.0 >	TIC range 2 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
REACT_TIC_RANGE3	40554 40555	Float	2	R	< 0.0,1000000.0 >	TIC range 3 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
REACT_TOC_RANGE1	40556 40557	Float	2	R	< 0.0,1000000.0 >	TOC range 1 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
REACT_TOC_RANGE2	40558 40559	Float	2	R	< 0.0,1000000.0 >	TOC range 2 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
REACT_TOC_RANGE3	40560 40561	Float	2	R	< 0.0,1000000.0 >	TOC range 3 *Note: shown as 0.0 if in the actual analysis mode this result not available.*

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
REACT_TC_RANGE1	40562 40563	Float	2	R	< 0.0,1000000.0 >	TC range 1 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
REACT_TC_RANGE2	40564 40565	Float	2	R	< 0.0,1000000.0 >	TC range 2 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
REACT_TC_RANGE3	40566 40567	Float	2	R	< 0.0,1000000.0 >	TC range 3 *Note: shown as 0.0 if in the actual analysis mode this result not available.*
OXP_ANLS	40586	integer	1	R	0x0000-0x07FF	Show the current oxidation analysis type. bit 0 = TIC+TOC. bit 1 = TC. bit 2 = VOC. bit 3 = TIC+TOCe bit 4 = TCe bit 5 = TIC+TOCb bit 6 = TCb bit 7 = VOCb bit 8 = Fast TC
AUTOCAL_PROG	40700	integer	1	R	0x0000-0x000F	bit 0 = off bit 1 = Monday bit 2 = Tuesday bit 3 = Wednesday bit 4 = Thursday bit 5 = Friday bit 6 = Saturday bit 7 = Sunday
AUTOCAL_PROG_TIME	40701	integer	1	R	0x0000-0x3B3B	Time of scheduled autocal, encoded in higher/lower bytes. HH:MM → 0xHHMM
CLOG_CAL_SELECT	40702	integer	1	R/W	0x0000-0x0004	0 = TIC 1 = TOC 2 = TC 3 = TN 4 = TP 5 = TPR *Note: this register value defines value of all following CLOG_ registers. By writing into CLOG_CAL_SELECT register updates CLOG_ registers in the similar way the reading of CLOG_CALx_SPAN_STATUS or CLOG_CALx_ZERO does.*

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
CLOG_CAL1_SPAN_STATUS	40703	integer	1	R	0x0000-0x007F	bit 0 = calibration bit 1 = check bit 2 = calibration successful bit 3 = result outside band bit 4 = calculated from other range bit 5 = calculated from TOC/TC result bit 6 = entered by operator *Note: in case of calibration failure on master range, the derived results status need to be update as well.*
CLOG_CAL1_SPAN_TIME	40704 40705	integer	2	R	0x00000000-0xFFFFFFFF	Time, Date of last calibration action *Note: this register value is only updated when CLOG_CAL1_SPAN_STATUS register is read.*
CLOG_CAL1_SPAN_STD	40706 40707	Float	2	R	< -1.0e6,1.0e6 >	Standard used Null if bits 4-6 set in "…status" register *Note: this register value is only updated when CLOG_CAL1_SPAN_STATUS register is read.*
CLOG_CAL1_SPAN_RSLT	40708 40709	Float	2	R	< -1.0e6,1.0e6 >	Result found Null if bits 4-6 set in "…status" register *Note: this register value is only updated when CLOG_CAL1_SPAN_STATUS register is read.*
CLOG_CAL1_SPAN_FACTOR	40710 40711	Float	2	R	< -1.0e6,1.0e6 >	Span adjustment factor currently in use *Note: this register value is only updated when CLOG_CAL1_SPAN_STATUS register is read.*
CLOG_CAL1_ZERO_STATUS	40712	integer	1	R/W	0x0000-0x007F	bit 0 = zero calibration bit 1 = zero check bit 2 = zero successful bit 3 = result outside band bit 4 = calculated from other range bit 5 = TIC: no zero required bit 6 = entered by operator
CLOG_CAL1_ZERO_TIME	40713 40714	integer	2	R	0x00000000-0xFFFFFFFF	Time, Date of last zero action *Note: this register value is only updated when CLOG_CAL1_ZERO_STATUS register is read.*
CLOG_CAL1_ZERO_OFFSET	40715 40716	Float	2	R	< -1.0e6,1.0e6 >	Zero offset currently in use *Note: this register value is only updated when CLOG_CAL1_ZERO_STATUS register is read.*
CLOG_CAL2_SPAN_STATUS	40717	integer	1	R	0x0000-0x007F	bit 0 = calibration bit 1 = check bit 2 = calibration successful bit 3 = result outside band bit 4 = calculated from other range bit 5 = calculated from TOC/TC result bit 6 = entered by operator

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
CLOG_CAL2_SPAN_TIME	40718 40719	integer	2	R	0x00000000-0xFFFFFFFF	Time, Date of last calibration action *Note: this register value is only updated when CLOG_CAL2_SPAN_STATUS register is read.*
CLOG_CAL2_SPAN_STD	40720 40721	Float	2	R	< -1.0e6,1.0e6 >	Standard used Null if bits 4-6 set in "…status" register *Note: this register value is only updated when CLOG_CAL2_SPAN_STATUS register is read.*
CLOG_CAL2_SPAN_RSLT	40722 40723	Float	2	R	< -1.0e6,1.0e6 >	Result found Null if bits 4-6 set in "…status" register *Note: this register value is only updated when CLOG_CAL2_SPAN_STATUS register is read.*
CLOG_CAL2_SPAN_FACTOR	40724 40725	Float	2	R	< -1.0e6,1.0e6 >	Span adjustment factor currently in use *Note: this register value is only updated when CLOG_CAL2_SPAN_STATUS register is read.*
CLOG_CAL2_ZERO_STATUS	40726	integer	1	R/W	0x0000-0x007F	bit 0 = zero calibration bit 1 = zero check bit 2 = zero successful bit 3 = result outside band bit 4 = calculated from other range bit 5 = TIC: no zero required bit 6 = entered by operator
CLOG_CAL2_ZERO_TIME	40727 40728	integer	2	R	0x00000000-0xFFFFFFFF	Time, Date of last zero action *Note: this register value is only updated when CLOG_CAL2_ZERO_STATUS register is read.*
CLOG_CAL2_ZERO_OFFSET	40729 40730	Float	2	R	< -1.0e6,1.0e6 >	Zero offset currently in use *Note: this register value is only updated when CLOG_CAL2_ZERO_STATUS register is read.*
CLOG_CAL3_SPAN_STATUS	40731	integer	1	R	0x0000-0x007F	bit 0 = calibration bit 1 = check bit 2 = calibration successful bit 3 = result outside band bit 4 = calculated from other range bit 5 = calculated from TOC/TC result bit 6 = entered by operator
CLOG_CAL3_SPAN_TIME	40732 40733	integer	2	R	0x00000000-0xFFFFFFFF	Time, Date of last calibration action *Note: this register value is only updated when CLOG_CAL3_SPAN_STATUS register is read.*
CLOG_CAL3_SPAN_STD	40734 40735	Float	2	R	< -1.0e6,1.0e6 >	Standard used Null if bits 4-6 set in "…status" register *Note: this register value is only updated when CLOG_CAL3_SPAN_STATUS register is read.*

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
CLOG_CAL3_SPAN_RSLT	40736 40737	Float	2	R	< -1.0e6,1.0e6 >	Result found Null if bits 4-6 set in "…status" register *Note: this register value is only updated when CLOG_CAL3_SPAN_STATUS register is read.*
CLOG_CAL3_SPAN_FACTOR	40738 40739	Float	2	R	< -1.0e6,1.0e6 >	Span adjustment factor currently in use *Note: this register value is only updated when CLOG_CAL3_SPAN_STATUS register is read.*
CLOG_CAL3_ZERO_STATUS	40740	integer	1	R/W	0x0000-0x007F	bit 0 = zero calibration bit 1 = zero check bit 2 = zero successful bit 3 = result outside band bit 4 = calculated from other range bit 5 = TIC: no zero required bit 6 = entered by operator
CLOG_CAL3_ZERO_TIME	40741 40742	integer	2	R	0x00000000- 0xFFFFFFFF	Time, Date of last zero action *Note: this register value is only updated when CLOG_CAL3_ZERO_STATUS register is read.*
CLOG_CAL3_ZERO_OFFSET	40743 40744	Float	2	R	< -1.0e6,1.0e6 >	Zero offset currently in use *Note: this register value is only updated when CLOG_CAL3_ZERO_STATUS register is read.*
PANEL_TEMP	40800 40801	Float	2	R	< -100.0,150.0 >	Current Enclosure Temperature, in deg C
ATM_PRESS	40802 40803	Float	2	R	< 0.0,250.0 >	Atmospheric pressure from sensor, in kPa
CO2A_ZERO	40804 40805	Float	2	R	< -1.0e6,1.0e6 >	CO2 analyser zero setting. Note: this register is reset to 0.0 after power-up and gets set during ANALYZER_ZERO reaction state.
GCTRL_AIR_PRESS	40812 40813	Float	2	R	< 0.0,250.0 >	Air pressure measured on the gas controller PCB [kPa]
GCTRL_O2_PRESS	40814 40815	Float	2	R	< 0.0,250.0 >	Oxygen pressure measured on the gas controller PCB [kPa]
REACT_STREAM_VALVE	40816	integer	1	R	<0,6 >	Actual analysis reaction stream valve. 0 = no analysis on any stream valve 1 = analysis on stream 1 valve 2 = analysis on stream 2 valve 3 = analysis on stream 3 valve 4 = analysis on stream 4 valve 5 = analysis on stream 5 valve 6 = analysis on stream 6 valve

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
REACT_RANGE	40817	integer	1	R	<0,3 >	Actual analysis reaction range. 0 = no analysis reaction 1 = analysis reaction range 1 2 = analysis reaction range 2 3 = analysis reaction range 3
ACID_RGNT_STATUS	40818	integer	1	R	< 0,999 >	Estimation of days remaining for Acid
BASE_RGNT_STATUS	40819	integer	1	R	< 0,999 >	Estimation of days remaining for Base
REACT_CNTR	40824 40825	integer	2	R	0x00000000- 0xFFFFFFFF	Reaction counter.
SERVICE_REQ	40826	integer	1	R	0x0000-0xFFFF	Service required in xxx days

B3500 BioTector TOC Analyzer V 1.1
ERROR Registers

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
SYS_ALARM_STATUS	49930	integer	1	R	0x0000-0x000F	Alarm Status. Bitwise coding: bit 0 = fault. bit 1 = warning. bit 2 = notification. Bit 3 = DW warning.
SYS_COND_GRP	49950	integer	1	R	0x0000-0xFFFF	bit 0 = fault archive code 01, Low O2 Flow - EX bit 1 = fault archive code 02, Low O2 Flow - SO ..bit 15 Note: For description of Fault Archive codes please refer to User Manual Section "Troubleshooting of System Faults, Warnings and Notification Events"
SYS_COND_GRP	49951	integer	1	R	0x0000-0xFFFF	bit 0 = fault archive code 17, bit 1 = fault archive code 18, ..bit 15 Note: For description of Fault Archive codes please refer to User Manual Section "Troubleshooting of System Faults, Warnings and Notification Events"
		...	...	...		...
SYS_COND_GRP	49966	integer	1	R	0x0000-0xFFFF	bit 0 = fault archive code 241, bit 1 = fault archive code 242, ..bit 15 Note: For description of Fault Archive codes please refer to User Manual Section "Troubleshooting of System Faults, Warnings and Notification Events"

B3500 BioTector TOC Analyzer V 1.1
STATUS & EXTERNAL CONTROL Registers

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
SYS_OP_STATUS	49931	integer	1	R	0x0000-0x003F	Operational Status. Bitwise coding: bit 0 = running. bit 1 = manual running. bit 2 = calibration running. bit 3 = zero running. bit 4 = remote standby activated. bit 5 = maintenance switch activated.
SYS_REM_CTRL	49932	integer	1	R/W	<0,7>	System remote control. 0 = no change 1 = system finish & stop 2 = analysis start 3 = zero cal start 4 = zero check start 5 = span cal start 6 = span check start 7 = reagents purge and zero
SYS_REM_CTRL_STANDBY	49933	integer	1	R/W	< 0,1 >	Set Remote Standby function. 0 = Modbus remote standby deactivated 1 = Modbus remote standby activated *Note: the content of this register is internally OR'd with REMOTE STANDBY digital input line (if this one is available in the system).*
SYS_REM_CTRL_SYNC	49934	integer	1	R	< 0,1 >	Synchronization output for remote control operation *Note: works even without SYNC output defined in system.*
SYS_REM_CTRL_RANGE	49935	integer	1	R/W	< 0,3 >	Select next range 0 = not selected / auto 1 = range 1 2 = range 2 3 = range 3 *Note: if this register value is 0 then range is selected by EXT_RANGE_MUX1-2 digital input lines (if these one are available in the system). otherwise the content of this register takes precedence over the digital input lines.*

NAME	REGISTER	DATA TYPE	LENGTH	ACCESS MODE	MIN/MAX	DESCRIPTION
SYS_REM_CTRL_STREAM	49936	integer	1	R/W	0x0000-0x007f	Next stream to be selected: bit 0 = Stream 1. bit 1 = Stream 2. bit 2 = Stream 3. bit 3 = Stream 4. bit 4 = Stream 5. bit 5 = Stream 6. *Note: the content of this register is internally OR'd with STREAM SEL 1-6 digital input lines to activate/deactivate particular stream selection*
SYS_DEBUG_MODE	45000	integer	1	R/W	0x0000-0x0001	System debug mode register. 0 – normal system operation 1 – system supplies pre-defined Modbus registers values