VS10X_VS4XX(EUR)Registers Definition

Reg addr	NAME	Symbo1	Len	value range	default	descr	
	system parameters						
0	Device Dddress	ADDR	2	1~255	1		
1	ID	ID	2	1~65535		Reserved	
2	RS232 rate	BAUD	2		1152	Unit:100bps	
281	RS232 parameters	SYS_UOLCR	2	Form 1.1	0x0003	N, 8, 1	
260	Transparent Transport port number	STT_NUM	2	0:Turn off 1:LTE module 2:VMxxx 3:RS485	0	Startup defaults to 0	
259	Debug messages	DEBUG_MSG	2	0, 1	0	Whether to output running information from RS232	
280	Check the FTP parameters	CHK_FTPPARS	2	0、1	0	Whether to check the parameters file from the FTP server	
282					-		
3	Sync RTC	RTC_SYNC	2	0: never 1: Mobile Networks 2:NTP server	0		
262	NTPserver addr	NTP_SEV	32	String, default w	ww.zoyobj	. com	
278	NTPPort Num	NTP_PORT	2	1~65535	6701		
279	NTP Correction	NTP_CONST	2	-32768 ² 32767	0	Unit: minutes	
4	State of the next startup	NEXT_SET	2	0:Normal 1:Send once 2: Configuration Mode(once) 3: Send 4:Configuration	0	"Once" in 1 or 2 means only once, after which it automatically returns to "normal" 3 or 4 means that the device is forced to switch Send or Configuration mode.	
5	scan interval	INTE_SCAN	2	1~65535	10	Unit: minutes	
6	Storage interval	INTE_STORE	2	1~65535	30	Unit: minutes Must be a multiple of the scan	
7	Send interval	INTE_SEND	2	1~65535	60	interval	
252	Multiple data sending schemes	MUL SCH	2	0: Each XXX pieces of data 1:Each day 2:Each week 3:Each month	0	Only valid if the sending typis Email or FTP server, other sending methods send a single real time value at a time	
253	Pieces num	MUL_COUNT	2	1~65535	10	Only valid when MUL SCH=0	
254	Day of week Day of month	MUL_DAY	2	1~7 or 1~31	1	Only valid when MUL SCH=2/3	
255	MUL Hour	MUL_HOUR	2	0~23	12	Valid when MUL SCH =1~3	
256	Data delimiter	MUL_DELIM	2	0~255	8	ASCII code value	
257	filename extension	MUL_EXT	4		txt	Three ASCII characters, such as TXT	

8	RTC-YYMM RTC YM 2 BCD Code format						
9		RTC DH	2				
10		RTC_MS	2	-			
	Register for			0: Intelligent			
11	network timeout	TIME1	2	1~65535	90	Reserved	
12		TIME2	2	0~65535	10		
				0: normal		Unless NEXT_SET is set to 2 or	
13	Work Mode	WSTAT	2	1: Configuration	0	4, each boot is automatically so to 0	
			2	0: RS232&RS485		Direct output from serial port	
				1: SMS	-	Mobile Short Message	
				2: TCP-SEV		Mobile - TCP Server	
14	Send Type	SEND_TYPE		3: TCP-EMAIL	2	Mobile - EMail	
		_		4: TCP-FTP		Mobile -FTP Server	
				5: RFS(SPI)		Lora	
				6: RFU (UART)		Extended RF module	
				O: HEX		Common Control Communication	
15	Send Protocol	DAT PRO	2	1: STR_1	1	Device Interface Description.	
		_		2: STR_2		PDF"	
18	Data record	RCD	4		arameter 1	reset does not affect this value)	
20	Synchronized data record number		4	Dedicated to U disk data synchronization			
	II 1: -1-			0		Never synchronization	
22	U disk synchronization method		0	1	1	Synchronization all datas	
22			2	2	1	Copy unsynchronized data	
				3		Append a piece of data	
			SMS (Sh	ort Message) para	meters		
38	Data center	RDC_PH1	12	cell phone number	1		
44	number	RDC_PH2	12	cell phone number	2		
50	SMS Centre Number	SMSC	12				
	ava a			0:Read from SIM	1		
56	SMS Centre	SMSC_SOU	2	card	0		
	Number source			1: User Settings	1		
			ile pho	ne network access	parameter	·s	
60	Access Point Name	GPRS_APN	16	China Mobile CMNE China Telecom CTN		t), China Unicom Uninet, 3GNET	
			TC	P server paramete	rs		
72	TCP Servdr addr	TCP_SEV	32	Default www.zoyob	j.com		
88	TCP Port	TCP_PORT	2	1~65535	2825		
89	online time	TCP_ONLINE	2	0~65535	0	Unit: seconds	
			Ema	il parameters(send	ler)		
95	SMTP Server	SMTP_SEV	32	Default smtp. 126.	com		
111		SMTP_PORT	2	1~65535	25		
112		POP3_SEV	32	Default pop. 126. co	om		
		_		* *			

				1.0				
128	POP3 Port	POP3_PORT	2	1~65535	110			
129	SMTP User	SP_USER	16	Use a third part	v softwar	e, such as Outl	look, to test the	
137	SMTP Pass	SP_PASS	16	correctness of th				
145	Email addr	EMAIL_S	32		o bender	par ame cers		
161	Subject Title	SUBJECT	32					
Email parameters (receiver)								
179	Email addr	EMAIL_P	32					
FTP server parameters								
195	FTP Server addı	rFTP_SEV	32	Default www.zoyob	j.com			
211	FTP Port	FTP_PORT	2	1~65535	2821			
212	FTP User	FTP_USER	32					
228	FTP Pass	FTP_PASS	16					
236	Relative path	FTP_PATH	16	For example, "/AE	BC/" must	end with a "/"		
244	File Name	FTP_FNAME	16					
				Lora parameters				
283	Spreading Factor	RF_FCT	2	6~12	8			
284	Encoding Rate	RF_CR	2	1~4	2			
258	Bandwidth	RF_BW	2	0~9	7			
286	ChNum	RF_CH	2	0~15	7	Frequency=854+0	ChNum*2 MHz	
287	Transmitted Power	RF_POW	2	0~15	10			
289		RF_CALMS	2	0~65535	1000	Unit: ms		
]	Followin	ng are read-only r	egisters			
344	Stack utilization	STK_PER	2	Unit %				
345 [~] 354	Task load	TASK_STK	20	Unit %				
355	Signal strength	nSINGAL	2	Mobile phone ne $0\%^{\sim}100\%$	twork si	gnal strength,	0~31 represents	
356		M_STA	2					
357	Input Voltage	VIN	2	Unit mV				
358	charging voltage	VSUN	2	Unit mV				
360	Device Temperature	TEMP	2	Unit 0.1℃				
361		DISK_SIZE	2					
362		DISK_FREE	2					
363		DISK_USED	2					
365 [~] 396	Channel data	CH01 [~] CH32	64					
398		VM_ADDR	2					
400~		VM REGOO~						
458		VM_REG58	118					

Form 1.1 RS232 parameters

Bits Name Value DESC	Default
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		00	5 bits		
Bit1:0	Data Len	01	6 bits	11	
DITI:0		10	7 bits		
Bit2	Carr hia	11	8 bits	0	
		0	1		
	Stop bit	1	2	0	
		0		0	
Bit3	Paroty Enable Check Bit	1	Enable parity	U	
		00	Odd Parity Check		
Bit5:4		01	Even Parity Check	00	
ы.4		10	Always 1	00	
		11	Always 0		
Bit15:6				0000000000	