VAC5+ 4G VOICE AND SMS ALARM DIALLER

SMS COMMAND TABLE

SMS commands always start with a security code, after that comes the other commands. You must separate the commands with space character. The parameter is after the command, then the = character followed by a new value.

After sending the SMS program command, the GSM module will answer with an SMS, it contains the status of the programmed parameter (the number of interpreted commands; number of fault commands; the actual time of GSM network [hh/mm mm/dd/yy]; IMEI number of GSM; firmware version of module; ID of hardware; version of boot firmware), but it may be disabled with „NOSMS" command.

TIP: If you write the NOSMS command between other commands, the module doesn't send confirmation about the programming. If you write the RECALL command, disable the SMS confirmation, but if there aren't any wrong command, then it will call back and ring for five seconds, then you know the programming was successful. If you send only the „1234RECALL" command, the module will call back, thus you can check the status of the module, that it is functioning correctly and it is on the GSM network (running the SMS and the VOICE functions!).

Attention! One SMS can contains a maximum of160 characters,.

Description	SMS command	value of x		value after = character	Example
Rewrite the programming security code	CODE		=	new security code	1234CODE=4321
Setting the clock (e.g.: 2011. March 12., 13 hours)	CLOCK		=	eehhnncopp ee:year hh:month nn:day oo:hour pp:minute	1234CLOCK=1103121300
Storing phone number for number identification. If the module can't store it because there aren't any enough space or there is already exist the phone number, it indicates an „ERROR" in confirmation SMS.	ADD		=	phone number (maximum 14 characters)	1234ADD=+36305556666
Deleting phone number for number identification. If the module can't delete phone number because there isn't exist, it indicates an „ERROR" in confirmation SMS.	DEL		=	phone number (maximum 14 characters)	1234DEL=+36305556666
Rewrite phone numbers, the parameter	TEL	x	1 to 8, you can set the phone number	=	phone number (maximum 14 characters)	1234TEL2=+36301234567
Settings inputs type	INPUT	x	number of input	=	tnneeeeeeee t= 0:not used (required value: 0) t= 1:24h t= 2:reserve t= 3:central normal t= 4:central delay t= 5:switch in/off nn=NO:normal open input nn=NC:normal close input other settings: 1. e=1:SMS about restore 2. e=1:not used (required value: 0) 3. e=1:play sounder voice 4. e=1:play voice message 5. e=1:call monitoring station 6. e=1:not must to pick up at incoming call 7. e=1:not used (required value: 0) 8. e=1:not used (required value: 0)	1234INPUT1=1NC00100000
Settings of outputs	OUTCONF	x	number of output	=	iiiiirhn iiiii: output time, if 0, then it will be bistable, if not zero, monostable ii-iii time. r. In case of alarm, close it output time, e.g.: sounder (opens when the system disarm) h: = In case of phone identification, activates the output (call it to activate) n: = Don't be phone identification „1"	1234OUTCONF1=00003010
Settings life signal sending	LIFETEST		=	cccss11111111 ccc: Cycle time, that how often to send e.g.: 030 days, if ccc: 000, then the function is disabled ss: which hours to send, e.g.: 12 11111111: Which phone numbers to send the message	1234LIFETEST=C071210000000
Which phone numbers to send SMS/VOICE (e.g.: to input1: to the first 4 phone number to send SMS, VOICE call disabled)	SEND	x	1:Input1 2:Input2 3:Input3 4:Input4 9:Tamper push-button 10:Power monitor 12:Life signal	=	8 pieces status of SMS and 8 pieces status of VOICE	1234SEND1=1111000000000000

Description	Command		Parameter		Value	Example
SMS text write/rewrite. Write the * character to the end of text to close it. Therefore you mustn't write * character into the text	**SMSTEXT**	x	1:Input1 2:Input2 3:Input3 4:Input4 9:Tamper push-button 10:Power monitor 12:Life signal 16:General restore text	=	new SMS text	*1234SMSTEXT2=input2 alarm*
Setting up SMS forwarding	**REDIR**			=	0: redirection disabled 1: to the first number 2. to the second number .. 8: to the eighth number	*1234REDIR=2*
Setting up ringing time (before voice mail, the module put down)	**RINGTIME**			=	001 to 255 if, 3 characters must be, e.g.: 030	*1234RINGTIME=020*
Arming the system	**ARMING**				*Command*	*1234ARM*
Disarming the system	**DISARM**				*Command*	*1234DISARM*
The module sends back the next informations: status of inputs/outputs [on/off], status of tamper [on/off], status of power [on/off], status of arming [on/off], time of GSM network, GSM network signal [1-5], IMEI number, version of firmware/hardware/boot firmware	**INFO**				*Command*	*1234INFO*
Don't must SMS confirmation (in this case will not be return call)	**NOSMS**				*Command*	*1234NOSMS*
This time not send SMS, but when successful programming call back	**RECALL**				*Command*	*1234RECALL*
Controle the output	**OUT**	x	x= number of output	=	ON:enable the output control OFF:disable the output control [you can delete the monostable too, before time]	*1234OUT1=ON* *Output 1 switches on* *1234OUT2=OFF* *Output2 switches off* *1234OUT3=RUN* *Controlling output 3* *1234OUT4=00003* *Output 3 switches on for 3 seconds*
Restarting the module	**RESTART**				*Command*	*1234RESTART*

Command criteria:

Can not contain accented characters

Command characters are capitals

Commands have to be separated with space

Beside = you can also use #.

Messages have to start with security code that is followed by first command without space

SMS text command has to end with # character

1st message: Saving 5 phone numbers in one SMS. The commands needs separating with spaces. The security password is necessary only for the first SMS command.

1234ADD=+44111111111 ADD=+4422222222 ADD=+4433333333 ADD=+4455555555 ADD=+4466666666

2nd message: input setup and selecting 3rd telephone number for notification. Sending SMS and voice message to the 3rd number.

5384TEL3=+36201255335   CLOCK=2201200922   INPUT2=4NO00100000
SEND2=0010000000100000 SMS text is the following:

5348 ? SMS security code, every new SMS can be started with this code (to change it use the CODE command. Default code: 1234)

TEL3=?changing 3rd telephone number for notification. Give the number in international format.

CLOCK= change the date to the following: 2022.01.20 09:22

INPUT2=? setting 2nd input to the following: delayed normal open input that sends siren alarm when there is an event.

SEND2=?second input sends SMS and voice message to the 3rd telephone number

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