

Protection and control systems

GsmAlarm



Purpose

Individual and profesional residential homes, flats, garages protection and control over GSM network
Automatic gate, fence control



- Up to 64 controllable zones
- Up to 8 programmable outputs
- 5 users, receiving information from protected object
- Possibility to use wireless sensors
- Voice messages about triggered zones
- Data transfer to Central Monitoring Station by SIA IP DC-09 and Contact ID protocols
- Possibility to monitor and control system over SmartCloud (using computer or phone web browser)
- Information about GSM jamming
- Temperature measurement capability
- Two partial protection modes (STAY and SLEEP)
- Possibility to devide into two independent areas
- Capability to control system by using DTMF tones
- 24 hours, 7 days timer
- Arm / Disarm system by short call
- Electric power cut-off function
- Remote programming by SMS
- Remote programming by GPRS
- Remote software upgrade
- External microphone



GsmAlarm serie devices

Features	Device					
	GsmAlarm-420 panel	GsmAlarm-500 panel	GsmAlarm-330 repeater	GsmAlarm-340 repeater	GsmAlarm-220 panel	GsmAlarm-600 panel
Network parameters						
GSM standart	EGSM-900 MHz DCS-1800 MHz	EGSM-900 MHz DCS-1800 MHz PCS-1800 MHz GSM-850 MHz	EGSM-900 MHz DCS-1800 MHz	EGSM-900 MHz DCS-1800 MHz PCS-1800 MHz GSM-850 MHz	EGSM-900 MHz DCS-1800 MHz	EGSM-900 MHz DCS-1800 MHz PCS-1900 MHz GSM-850 MHz
Applications						
Flat, garage protection	Yes	Yes	Yes	Yes	Yes / No	Yes
Garden house protection	Yes	Yes	Yes	Yes	Yes	Yes
House protection	Yes / No	Yes	Yes	Yes	Yes	Yes
Car protection	Yes	No	No	No	No	No
Gate control mode (max. quantity of users)	Yes (250)	Yes (250)	Yes (250)	Yes (250)	Yes (250)	Yes (250)
Features						
Number of users	5	5	5	5	5	5
Compatibility with monitoring station via CONTACT ID	No	Yes	Yes	Yes	Yes	Yes
Possibility to transfer data to CMS by GPRS SIA DC-09	No	Yes	No	Yes	No	Yes
Data coding by AES algorithm	No	Yes *	No	Yes *	No	Yes *
Supports voice messages	No	No	No	No	No	Yes ¹⁰
GSM jamming detection	No	Yes	No	Yes	No	Yes
GSM network strength control	Yes	Yes	Yes	Yes	Yes	Yes
Temperature measurement capability	No	Yes (6)	No **	No **	Yes (14)	Yes (16)
Two partial protection modes (STAY and SLEEP)	No	Yes ^{2,3}	**	**	Yes ²	Yes ^{2,3}
Possibility to divide into two independent partitions	No	Yes ²	**	**	Yes ²	Yes ²
Possibility to use two-wire fire sensor	No	Yes	No **	No **	No	No
24 hours timer function	No	Yes	**	**	Yes	Yes
Weekly timer	No	No	**	**	No	Yes
External microphone	Yes	Yes	No	No	Yes	Yes
Audio entrance/exit time indication	Yes ⁴	Yes ²	No **	No **	Yes ²	Yes
Main power supply control	Yes	Yes	**	**	Yes	Yes
Backup battery voltage control	Yes *	Yes	**	**	Yes	Yes
Main power supply voltage	16-24Vac (12Vdc)	16-24Vac	10.5-15Vdc ⁸	11-15Vdc ⁸	16-24Vac	16-24Vac
Backup battery capacity	12V /1.2Ah ⁹	12V /1.2Ah	**	**	12V /1.2Ah	12V /7Ah
Power consumption of the arm mode	< 2W ⁷	< 2W ⁷	< 2W ⁷	< 2W ⁷	< 2W ⁷	< 2W ⁷
Control						
Turning on/off by short call	Yes	Yes	No	No	Yes	Yes
Keypad control (max. quantity)	No	Yes (4)	No **	No **	Yes (4)	Yes (4)
iButton (DALLAS) key control (max. quantity)	No	Yes (20)	No **	No **	No	Yes (20)
Remote control over SMS and DTMF signals	Yes	Yes	Yes ⁶	Yes ⁶	Yes	Yes
SmartCloud function	No	Yes	No	No	No	Yes
System control by iGsmAlarm application	Yes	Yes	Yes	Yes	Yes	Yes
Inputs						
Inputs quantity	4	6	0 **	4 * **	14	16
Max. Controlled areas quantity	4+1 ¹	15 ²	0 **	8 * **	28+4 ²	32+4 ² (64) ¹¹
Possibility to use wireless sensors	No	No	No	No	No	Yes
Outputs						
Programmable controlled outputs	2+1 ⁵	3+1 ⁵	2	4 *	4+1 ⁵	7+1 ⁵
Possibility to inverse outputs	No	Yes	No	No	Yes	Yes
Relay output	No	Yes	No	No	No	No
Programming						
Remote programming over SMS	Yes	Yes	Yes ⁶	Yes	Yes	Yes
Remote programming over GPRS	No	Yes	No **	Yes	No	Yes
Programming over USB connection	No	Yes	No	Yes	No	Yes
Remote software upgrade via GPRS	No	No	No	Yes	No	Yes
Software upgrade over USB connection	No	Yes	No	Yes	No	Yes

* View on user manual

** View together with the repeater used panel characteristics

¹ Turn on by short call

² Using up to 4 keypads

³ Except when system is controlled by iButton (DALLAS) key

⁴ Using additional buzzer (sound indicator)

⁵ Used for siren control

⁶ Only GsmAlarm device

⁷ Only GsmAlarm device without sensors, siren and backup battery

⁸ Power from along with system used panel

⁹ Reserve battery voltage in car protection mode - 6V

¹⁰ Requires MicroSD card. (After protection triggering, call for user and inform by voice message, which sensor and how many times triggered)

¹¹ Up to 64 zones, by using additional wireless sensors module WLM-600.