

# Product catalog

Customized by you and produced by Topkodas

**Topkodas**

## ABOUT UAB TOPKODAS, JSC:

Established in 2007 and headquartered in Kaunas, Lithuania, UAB Topkodas, JSC has developed an extensive, worldwide distribution network of factory trained and certified Partners throughout North America, Europe, the Middle East, Africa, Asia and Oceania.

UAB Topkodas, JSC began with access control, automation, security markets in the area of residential and commercial needs as our primary focus and continue to yacht monitoring and control devices.

Our solution was to design and make GPS tracker and boat battery, sensors (PIR, temperature, humidity etc) monitor that allowed the user to make essential checks wherever he happened to be.

They are made with the very latest in low-power devices to minimise power consumption that will allow you to monitor and control remotely without effort – and with very low power consumption.

They encompass all you need to monitor your vessel without over complication, but they can also be customised easily with third party items to best suit your needs.

## GSM MODULES COMPARISON TABLE:

Product Code	GTalarm2	GTCOM	GTC812	GTGPS
<b>Parameters</b>				
GSM modem	Quad band	Quad band	Quad band	Quad band
Automation Sensors	32	1	1	1
Temperature sensors	32	1	1	1
Humidity Sensors	3(32)	-	-	-
Burglar alarm zones	4+2 (32)	7	7	7
Analog Inputs 0-10V	6	-	-	-
Analog Inputs 4-20mA ,0-20mA	2	-	-	-
2-Wire fire zones	2	-	-	-
Digital inputs (Wiegand ,Dallas 1-wire)	3	1	1	-
Outputs, 1.5A	4	4	4	4
Outputs, 20mA	2(6)	-	-	-
SMS Alarm numbers	8	16	16	16
AutoDial Alarm Numbers	8	16	16	16
Reporting to CMS. SIA IP DC-09 Communicator. AES128 Encryption.	✓	-	-	-
Event logger	2048	-	-	-
Remote control users	800	400	400	400
Low voltage alarm	✓	✓	✓	✓
Automatic device condition report through hour or day interval	✓	✓	✓	✓

## GSM MODULES COMPARISON TABLE:

Product Code	GTalarm2	GTCOM	GTC812	GTGPS
<b>Parameters</b>				
USB interface.	✓	✓	✓	✓
Free Configuration & Diagnostic Software	✓	✓	✓	✓
Remote configuration and Firmware update via Cloud Server	✓	-	-	-
Remote System monitoring via Cloud Server	✓	-	-	-
System Status LED	✓	✓	✓	✓
Temperature sensor	32	1	1	1
Programmable Thermostat	32	✓	✓	
Wiegand RFID reader & Keypad	✓	-	-	-
iButton Reader	✓	✓	✓	-
iButton Keys	800	400	400	-
RFID Proximity Cards ID, Keyfobs	800	-	-	-
Real time clock battery	✓	-	-	-
Microphone	Optional	Optional	-	✓
GPS module	-	-	-	✓
Lock/Unlock inputs	-	-	-	✓
PSTN emulator, Contact ID interpreter	-	✓	-	-
SIM card holder	Micro SIM	SIM	SIM	SIM
System connector type	Terminal	Terminal screw	Removable	Wire Conector
Enclosure	Open PCB	Open PCB	✓	✓
Overall dimensions of the module	84x66x18mm	84x66x36mm	90x63x32mm	90x63x32mm
Price*	1pcs 159 Eur 10pcs 71 Eur 100pcs 49 Eur	1pcs 189 Eur 10pcs 129 Eur	1pcs 119 Eur 10pcs 69 Eur 50pcs 49 Eur	1pcs 194 Eur 10pcs 118 Eur

\*Please note: VAT not included in costs.

## GSM/GPRS alarm management & monitoring device.

Product code: GTalarm2

The GTalarm2 is an advanced GSM/GPRS management and monitoring device. GTalarm2 offer customers the security of having someone "watch" over their locations 24/7 includes conventional monitoring of fire, intrusion and environmental.

GTalarm2 making fire monitoring and an immediate reaction a critical part of business continuity.

Monitoring devices on doors, windows and motion sensors reduces the amount of time someone has inside a building without being detected. Critical conditions such as temperature on freezers, air compressors or chillers can be monitored for outages which can be costly to business profits.



### APPLICATIONS

- Yachts, equipment vans, remote cabins, vacation homes.
- Data collecting unit.
- Temperature, humidity monitoring and control
- Security system
- Access control system
- Sensor alarm and monitoring device.
- Remotely monitor and control your facility, cottage, cabin or vacation home,
- Remotely monitor and control computer room, data center, greenhouse, water treatment plant, cold storage facilities, agri-business plant, wastewater facility,
- Remotely monitor and control HVAC, oil & gas plant, industrial and chemical plants, and more

### FEATURES

- The GTalarm2 module can now support up to 32 sensors for security and monitoring. Monitor high water in the bilge, low voltage, loss of shore power, temperatures in bait & food freezers, smoke, intrusion and so much more
- "Prevent the event" by programming a siren and flashing lights to go off when a sensor is triggered and get potential thieves off your boat immediately.
- When an event occurs, the GTalarm2 module will call/text up to eight phone numbers with status updates. Key button, RFID, iButton, short call control allows for easy arming/disarming. Remotely call in from mobile phone to check the system's status, arm/disarm the system, control outputs (turn things on or off). Your GTalarm2 module can make calls to you when certain codes are entered to disarm the system so you know exactly who is on your boat and when they arrive.

### TECHNICAL SPECIFICATIONS

GSM modem	Quad band 850/900/1800/1900 MHz
Sending of SMS messages	+
Receiving calls and dialing	+
Data download/ upload via GPRS network	+
2-Wire fire zones	2
Outputs, 1.5A	4
Outputs, 20mA	2(6)
Output control via short call or sms	+
Automation Sensors	32
Temperature sensors, programmable Thermostats	32
Humidity Sensors	3(32)
Burglar alarm zones	4+2(32)
Analog Inputs 0-10V	6
Analog Inputs 4-20mA, 0-20mA	2
Digital inputs (Wiegand ,Dallas 1-wire)	3
Events log buffer	2048 events
Users remote controls with mob phone	Up to 800
Users remote controls with iButton or RFID keycard	Up to 800
To control with Wiegand keyboard	Up to 800 user codes
SMS alarm numbers	8
Auto dial alarm numbers	8
Low voltage alarm	+
Power supply voltage range	8 – 15V
Remote configuration and Firmware update via Cloud Server	+
Remote System monitoring via Cloud Server	+
Communication	SIA IP DC09 protocol
Wiegand RFID reader & Keypad	+
iButton Reader	+
iButton Keys	800
RFID Proximity Cards ID, Keyfobs	800
Built-in-real-time clock backup battery	+
Overall dimensions of the module	84x66x18 mm

## GSM-GPS vehicle alarm-immobilizer. AVL Automatic Vehicle Location and Tracking system.

Product code: GTGPS

GTGPS offers the customer a solution that can be used for automatic vehicle location and tracking detecting. The module has built-in GPS system to define a geographic location of the object and to transfer the said information to a user's mobile phone.

The module transfers messages about event of the security system to the mobile phone of a user via GSM communication channel. Upon alarm response of the security system, the module will generate SMS message about alarmed sensors: door, capote, shock, fuel tank etc. SMS message is being sent to a user in-line with a short call. This is to reduce the probability that a user will not observe SMS message.



### APPLICATIONS

- The module may be applied for remote monitoring and control of vehicles, motorcycles, boats or other transport facilities as well as for their protection via GSM network.
- Vehicle GPS tracking by transferring info via GSM network in a form of SMS.
- SMS to user about all sensor alarms (door, shock, microwave, ignition etc.).
- Autodial to user about alarms.
- Starter (Ignition) disable by SMS.
- Up-to-date (Add-On) vehicle alarm-immobilizer

### FEATURES

- GPS location request via SMS. GPS SMS message format including link to Google Maps. You only need to press the link in your smart phone and you will be able to see vehicle location on Google Maps.
- Geofence, over speed alarm.
- Adaptive control of alarm system: ARM/DISARM. Not necessary additional key switch. The module may turned ON/OFF by using manufacturer's central lock. 2 inputs for arm/disarm the security system.
- ARM/DISARM of the system via free short call.
- Starter (Ignition) disable (blocking) by SMS.
- Reception of information about protected object in a form of SMS or via DIAL short call.
- Remote voice listening. Auto answer then user dialing.
- Temperature measurement. Sends information via SMS. Temperature alarm. Upon failure of temperature, SMS will be sent.
- Voltage measurement. Low Battery alarm via SMS message.
- Remote setup via SMS messages.
- Free Configuration & Diagnostic Software

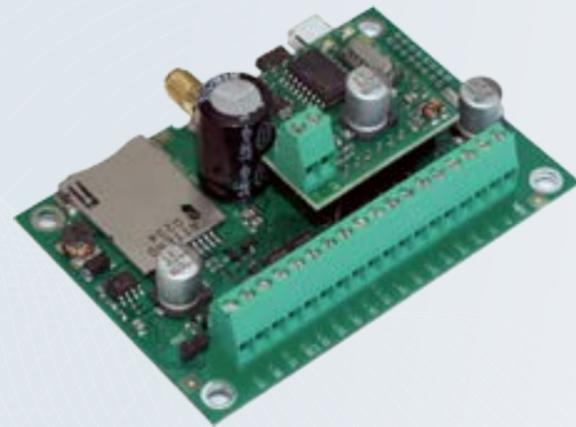
### TECHNICAL SPECIFICATIONS

GSM modem	Quad band 850/900/1800/1900 MHz
Inputs for zones	7
Inputs for arm/disarm	1
Inputs for temperature sensor	1
Programmable thermostat	1
Users for short call control	400
On-board programmable outputs for remote control	4 (1.5A OC)
System status LED indicator	1
Users for events via SMS or DIAL short call	16
Interface for configuration	USB
Microphone	+
GPS module	+
Lock/Unlock inputs	+
System connector type	Wire Connector

## GSM alarm. GSM communicator. CONTACT ID to SMS converter

Product code: GTCOM

GTCOM offers the customer a comprehensive and reliable solution that enables to convert Contact ID codes to GSM SMS messages. The GTCOM transfers messages about events of the security system to the mobile phone of a user via GSM communication channel. The module receives Contact ID DTMF codes from the dial-up communicator of security control panel, converts them into readable text and sends SMS message to the mobile phone of a user. Upon alarm occur, the module will generate SMS message about alarmed sensors. Door, PIR, Fire etc. SMS message is being sent to a user in-line with a short call. This is to reduce the probability that a user will not observe SMS message.



### APPLICATIONS

- Receiving of Contact ID codes from the security control panel and their converting into SMS readable format.
- Supports via contact id codes receiver standard
- PSTN line RING TIP emulator. Module emulates PSTN Contact ID receiver.
- Module can work with any central panel which has PSTN communicator and meets Ademco Contact ID data
- Individual protection of houses, garages, cottages, boat and other premises.
- For remote monitoring and control of premises via GSM network.
- Remote control of the devices via GSM network
- Access control. Gate/door control.
- Automation of premises, temperature and voltage control.
- GSM thermostat for premises and heating systems.

### FEATURES

- Contact ID to GSM SMS message text converter
- Supports SIA Contact ID codes receiver standard. Practically the module can work with any central panel which has PSTN communicator and meets Ademco Contact ID data format according to SIA SIA DC-05 standard. Also Central panel must support phone number dialing using DTMF tones.
- ARM/DISARM of the system via free short call.
- System control (ARM/DISARM) and/or output control by using Maxim-Dallas iButton keys (iButton DS1990A - 64 bit id) 400 users
- Device enables to control gate or electromagnetic lock via free short call
- Automatic condition report about state of each sensor, alarms, power supply voltage and GSM communication level through SMS every 24 hour interval
- Remote voice listening option via external microphone.
- Automatic device condition report through SMS every 24 hour interval
- Free Configuration & Diagnostic Software

### TECHNICAL SPECIFICATIONS

GSM modem	Quad band 850/900/1800/1900 MHz
PSTN emulator, Contact ID interpreter	+
Inputs for zones	7
Inputs for arm/disarm	1
Inputs for temperature sensor	1
Programmable thermostat	1
Dallas key iButton reader	400 users (iButton DS1990A – 64 Bit ID)
Users for short call control	400
On-board programmable outputs for remote control	4 (1.5A OC)
LED indicator	1
Users for events via SMS or DIAL short call	16
Interface for configuration	USB
Microphone	Optional
System connector type	Terminal screw

## GSM SMS/AUTODIAL Burglar Alarm - Remote Control System Temperature Controller

Product code: GTC812

GTC812 offers the professional installer the solution for remote control systems and automation temperature control. The module transfers messages on events of the security system to the mobile phone of a user via GSM communication channel.

Upon alarm occur, the module will generate SMS message about alarmed sensors. Door, PIR, Fire etc. SMS message is being sent to a user in-line with a short call. This is to reduce the probability that a user will not observe SMS message.



### APPLICATIONS

- Individual protection of houses, garages, cottages, boat and other premises.
- For remote monitoring and control of premises via GSM network.
- Remote control of the devices via GSM network
- Access control. Gate/door control.
- Automation of premises, temperature and voltage control.
- GSM thermostat for premises and heating systems.
- GSM thermometer

### FEATURES

- Reception of information about state of each sensor, alarms, power supply voltage and GSM communication level in a form of SMS and DIAL short call.
- System control (ARM/DISARM) and/or output control by using Maxim-Dallas iButton keys (iButton DS1990A - 64 bit id) 400 users
- ARM/DISARM of the system via free short call and SMS channel.
- STAY feature
- Remote configuration via SMS messages.
- Automatic device condition report through SMS every 24 hour interval
- Free Configuration & Diagnostic Software

### TECHNICAL SPECIFICATIONS

GSM modem	Quad band 850/900/1800/1900 MHz
Inputs for zones	7
Inputs for arm/disarm	1
Inputs for temperature sensor	1
Programmable thermostat	1
Dallas key iButton reader	400 users (iButton DS1990A – 64 Bit ID)
Users for short call control	400
On-board programmable outputs for remote control	4 (1.5A OC)
LED indicator	1
Users for events via SMS or DIAL short call	16
Interface for configuration	USB
System connector type	Terminal screw

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