TECHNICAL DATA

Parameters

Reader typeProximity RFIDRFID reader frequency125 kHzRFID read-out distance3-4 cm (depends on transponder type)TransmissionIn the real-time by GPRS/SMSAlarm events buffer size1000Quantity of system events stored in history5000Timestamp eventYES (date, time with 0,01s accuracy)GPRS/SMS transmission securityAES encryptionDevice configurationRemote: via GPRS, SMS, CSDLocal: PC through RS232 link (LX-PROG cable and AGP programmer required)Remote firmware updateYESSupported modems- Cinterion MC55i, MC55i-W (former Siemens) - Simcom SIM300D, SIM340D - u-blox Leon-G100, Leon-G200Voice call supportYESUser interface3 buttons (PANIC, CALL-ME, RFID readout)Optical signalisationYESSound signalisationYESPower supply- main battery - lithium-ion polymer 3.7 V, 1600 mAh nominal capacity - backup battery - nickel metal hydride 3.6 V, 40 mAh nominal capacity - backup battery - nickel metal hydride 3.6 V, 40 mAh nominal capacityMain battery working time after charging Main battery charging timemax. 3 hours	
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Main battery charging time max. 3 hours	
Main battery charging current max. 1A	
Power supply unit functions - low battery voltage detection	
- fuse protection	
 detection of battery cover opening even after main battery discharge backup battery allowing event registration (opening the housing and excessive shock) events 	
main battery discharge	after
Built-in accelerometer functions - man-down detection with configurable pre-alarm time	after
- detecting excessive shock that can cause damage	after
- the tilt detector with configurable positions and angles	after
Weight about 210 g Dimensiona 207 x 58 x 20 mm	after
Dimensions 207 x 58 x 39 mm Distantian mating 1007	after
Protection rating IP67	after
Vibration resistance 10-500 Hz with acceleration to 3G for 2 hours	after



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PANIC



RFID

NEW VERSION 3.0 REAL TIME GUARD TOUR SYSTEM PERSONNEL PROTECTION SYSTEM VOICE COMMUNICATION DEVICE



CREATING A SENSE OF SECURITY SINCE 1989

SECURITY

NEW VERSION OF THE WELL KNOWN ALL OVER THE WORLD DEVICE - ACTIVE CUARD 3.0

Active Guard is the most advanced, first of its kind in the world, system for monitoring the time, place and results of the work of personnel. By combining benefits of GPRS communication and RFID reading Active Guard can be used as a guard tour system, a personnel protection system and a voice communications device. Active Guard ensures the ability to react immediatel y, which helps increase the safety and guality of work. It gives instant irregularity warning.



Over 30 thousand devices all over the world!

- 6 years of experience!
- 3 rd version with new design and better functionality!

Designed for guard control, Active Guard is a highly flexible system and can be used also for other purposes, e.g. access control and identification, technical inspection monitoring, storage and rental systems monitoring, or maintenance systems.

NEW, BETTER FUNCTIONALITY AND DESIGN

Built-in accelerometer

Man-down detection – notification about life-threatening of the user life threat

Excessive shock detection - notification about attempt destroying the device

Tilt detection with configurable positions and angles - notification about changing the position of device - alarm signal if the position is outside the defined range

Form optymalization

More comfortable in use and more durable

Silicone gasket

Silicone gasket placed in special grooves in the housing - for better durability and tightness

More screws

Better distribution of forces at the fall

HOW IT WORKS?

EASY implementation and operation:

Realtime guard tour system.



Thanks to RFID reader Active Guard allows to control guard tours on basis of RFID tags placed on the round course. Monitoring software allows to establish timeframes for RFID tag reading. If no reading is recorded within specified time, the monitoring station notifies of irregularities.

Personnel protection system.



PANIC button can be used in case of emergencies. When PANIC button is being pressed device send an emergency signal to the monitoring station to ask for help. It is possible to record the voice communication surrounding the device by the monitoring system communication and show the position of device if it is supported by GSM network.

Voice communication device.



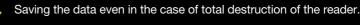
Active Guard allows also for GSM two-way voice communication. CALL ME button allows to send signal via GPRS to monitoring station to ask for reply (when it's pressed shortly) or to call directly to authorized number when it is pressed longer (i.e. police, fire station, supervisor, etc.). It is also possible to call the device from authorized number at any time.



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The tags (control points) in form of key fob or coin tag can be can be fixed or mobile, can be easily programmed so as to provide appropriate messages after they have been read.

Resistance to destruction:



Resistance to any kind of weather conditions (cold, moisture, heat).

- Notification of all mechanical attempts to destroy device.
- Detector, which allows to determine whether the device was exposed to strong electromagnetic fields e.g. the origin of microwave.
 - Higher reliability due to increased anti-sabotage security.

WHAT MORE OFFER AG:

Remote configuration and firmware upgrade - comfortable servicing and time savings Encryption of transmitted data using AES cipher - full data transfer safety Modem choice between three leading manufacturers - adapts the device to buyers personal preferences Power down by button combination - feature enables to turn off the device in designated areas without necessity of housing opening Increased event buffer capacity up to 1000 events - long lasting and easy device operation in areas with no GSM network coverage System event history - evidence up to 5000 events enabling to diagnose causes of possible problems Capability of adding a Bluetooth module - possibility to expand system by extra accessories (headset, GPS module) Increased event buffer capacity up to 1000 events - long lasting and easy device operation in areas with no GSM network coverage Registered battery lid opening event after main battery discharge - increased anti-sabotage security