

eldes

GSM PRODUCT CATALOG 2014

REMOTE CONTROL AND MONITORING

ALARM AND SECURITY

WIRELESS AND ACCESSORIES

SOFTWARE AND SERVICES

INTERSEC
DUBAI AND
SICUR
MADRID
EDITION

CONTENT

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ALARM AND SECURITY

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COMPANY OVERVIEW

ELDES employs experienced, innovative electronic engineers with strong backgrounds and know-how in non-standard micro-processing, analogue electronic design and automotive equipment. With a dedicated team of professionals ELDES works with large and small progressive distributors and retailers, developing and deploying our comprehensive solutions, which address their customers' specific needs.

Our driving ambition is to make products that meet one's specific needs. With your feedback, we can develop products and solutions you are looking for, starting with general product enhancement, to a special application.

ELDES R&D IS ABLE TO MAKE:

- Eldes product customization within 10 days
- New GSM product within 30 days

WIRELESS AND ACCESSORIES

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SOFTWARE AND SERVICES

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ESM264

GSM SMART HOME 44 ZONES CONTROL PANEL

ESM264 is an Alarm and Control Panel for securing premises and controlling electronic devices or managing building automation through the GSM network. The panel can work as a personal alarm system informing only authorised users via SMS/ CALL, or it can communicate with a monitoring station.

COMPLIES WITH EN 50131-1 GRADE 2 CLASS II

KEY FACTS

FOUNDATION

Founded in 2005, Lithuania

IMPORTANT NOTICE

All assemblies are made in Europe.

MARKETS SERVED

- Consumer
- Industrial
- Automation
- Security
- Remote control and monitoring

MARKET PENETRATION

50 countries worldwide and sustainably growing

TO FIND OUT MORE ABOUT COMPANY:



ISO 9001

Quality standard at Eldes

fully comply with the requirements of ISO 9001.

Design, manufacture and sales of electric equipment are certified through Bureau Veritas Lithuania, 2013

ELDES JSC

283B, Ukmurgės str.

LT-06313/Lithuania

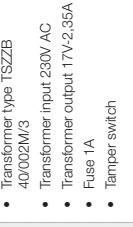
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METAL ENCLOSURE
ME1 FOR ESM264/364

- Transformer included
- Transformer type TSZBB 40/002M/3
- Transformer input 230V AC
- Transformer output 17V/2.35A
- Fuse 1A
- Tamper switch

TECHNICAL SPECIFICATIONS

Partitions	2
On-board zones	6 (12 ATZ mode)
GSM outputs	4 , possibility to increase to 44
Wireless	Optional extra
Keypads	4
Keypad zone support	yes
User codes	30
Dallas key (button reader	yes
On-board programmable outputs	4x500mA
Event buffer	100
Event Log	500
Built-in GSM/GPRS module	900/950/1800/1900 MHz
Ways of event communication	Ademco Contact ID, SMS, Voice Calls, GPRS,
Authorized users	5
Digital temperature sensor	DS18S20, DS18B20
Microphone	yes
Audio OUT	optional
Dimensions	140x100x18mm

ALARM AND SECURITY

ALARM AND SECURITY

ESIM364

GSM 76 ZONES WIRELESS CONTROL PANEL

ESIM364 is a multi-functional hybrid alarm and control panel with built-in GSM & Wireless modules on board. The system can be upgraded with PSTN and/or Ethernet based communicator for operation in IP based network.

COMPLIES WITH EN 50131-1 GRADE 3 CLASS II

FEATURES

- Compatible with ELDES Smart Security, Android and iOS apps
- Convenient system configuration via:
- GPRS, SMS, Keypad, USB or IP network (optional)
- Remote configuration does not require Static IP address
- Multiple Am/disarm methods: Free of charge call, SMS, keypad, key-fob, Dallas key
- Contact ID to monitoring station via GSM Voice, GPRS, PSTN, IP network (optional)
- Remote real time diagnostics via GPRS/SIP
- SMS, Calls, Voice messages to 10 authorized users
- PGM output control by event and/or scheduler
- Supports up to 16 separate logic schedulers

APPLICATIONS

- Securing property
- Building automation
- Remote management of electronic appliances
- Telemetry

METAL ENCLOSURE ME1 FOR ESIM264/364

TECHNICAL SPECIFICATIONS

Partitions 4

On-board zones 6 (12 ATZ mode)

Expandable zones up to 76

Wireless 868MHz integrated

PGM outputs 4 , possibility to increase to 76

Keypads 4

Keypad zone support yes

User codes 30

Dallas key/Button reader yes

On-board programmable outputs 4x500mA

Event buffer 100

Event Log 500

Built in GSM/GPRS module 900/850/1800/1900 MHz

Ways of event communication Ademco Contact, ID, SMS, Voice Calls, GPRS, PSTN optional, Ethernet (optional)

Authorized users 10

Digital temperature sensor DS18S20, DS18B20

Number of temperature sensors 8

Wireless keyboard EKB3W support yes

Voice Messages yes

Microphone yes

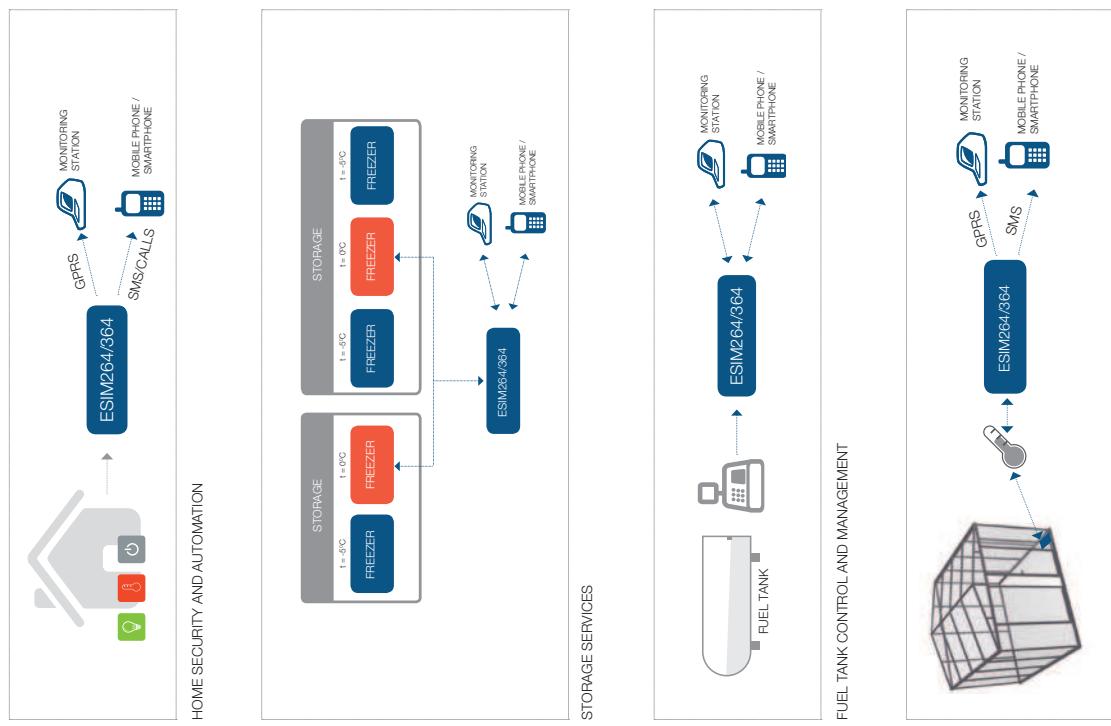
Audio OUT optional

Dimensions 140x100x18mm

Enables Internet access through
LAN interface

ESIM264/364

AREAS OF USE



ALARM AND SECURITY



SIM card and backup battery inside

EPIR2

STANDALONE GSM ALARM SYSTEM

EPIR2 is a complete security system with GSM integrated in one very compact and easy to use device. Control panel, motion detector, wireless and GSM module systems all in one product. EPIR2 will immediately alert about security breach via SMS or call.

FEATURES

- Self-install system
- Arm/disarm by free of charge call, key/fob or EKB3W keypad
- Built-in Quad-Band GSM/GPRS communicator
- SMS and/or CALLS to 10 authorised users
- CONTACT ID for monitoring station through GSM voice or GPRS
- Integrated 868 MHz ELDÉS WIRELESS
- Built in microphone and backup battery
- 4 ways of configuration: SMS, USB, internet or keypad
- Event Log access by Internet

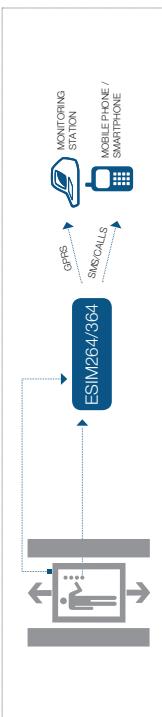
APPLICATIONS

- Apartments
- Summer houses
- Garages
- Small shops
- Campers
- Boats

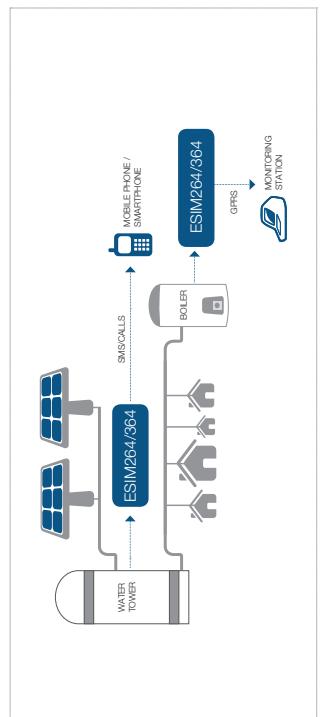
TECHNICAL SPECIFICATIONS

- On-board zones 1 digital infrared PIR sensor zone and 1 wired zone
 Expandable zones up to 34.
 Expandable programmable outputs up to 32
 Wireless 868 MHz integrated
 Expandable wireless devices: (zones, PGM, key fobs, etc.) 16
 Event Buffer 100
 Built in GSM/GPRS module 850/900/1800/1900 MHz
 Ways of event communication Ademco Contact ID, SMS, Voice Calls, GPRS
 Authorized users 10
 Microphone yes
 Backup battery Yes, built-in
 Detection angle and range 90° up to 10 m
 Outputs 1 for siren connection or event indication
 Dimensions 104x60x33mm

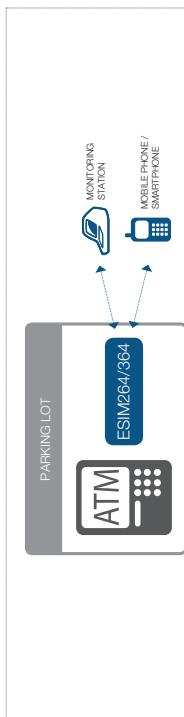
ALARM AND SECURITY



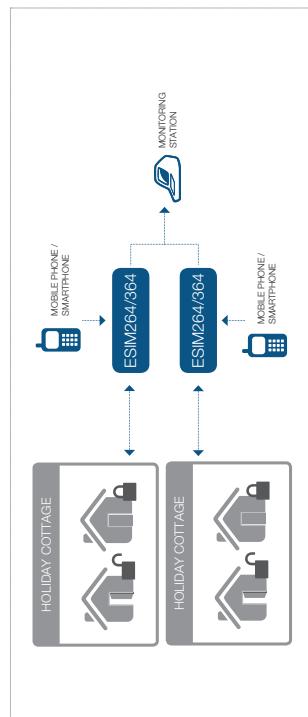
ELEVATOR MONITOR



ENERGY SUPPLY AND UTILITY MAINTENANCE COMPANIES



ATM CONTROL AND PROTECTION



RENTAL HOUSES

ALARM AND SECURITY

EPIR

AREAS OF USE



SIM card and backup battery inside

EPIR3

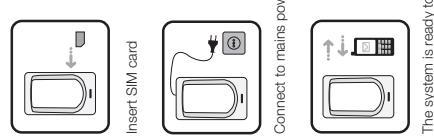
STANDALONE GSM ALARM SYSTEM

EPIR3 is a standalone, portable security system designed for both end users and professionals, suitable for protection of residential and business properties. The system is compact and user friendly, therefore can be easily installed in less than 5 minutes. Furthermore, the system supports Contact ID protocol, making the EPIR3 compatible with global security protocol standard allowing output to any monitoring station. One of a kind security control panel with motion detector, wireless and GSM modules in one piece has made security simple!

FEATURES

- 1 built-in PIR sensor zone and one wired
- Pet immune
- Portable
- Compact
- Built-in GSM/GPRS communicator
- Expandable (Integrated Edges Wireless interface)
- Easy configuration (USB, Internet or SMS)
- Back up battery
- Covert listening
- Powerless identification and reporting

3 STEPS EPIR3 SYSTEM OPERATION



APPLICATIONS

- Apartments
- Summer houses
- Garages
- Small shops
- Campers
- Boats

TECHNICAL SPECIFICATIONS

On-board outputs **1 wired for siren connection or event indication via LED**

Expandable zones **up to 34**

Expandable programmable outputs **up to 32**

Wireless **868 MHz integrated**

Expandable wireless devices: (zones, PGM, key fobs, etc.) **16**

Event Buffer **100**

Built in GSM/GPRS module **850/900/1800/1900 MHz**

GSM antenna type **internal**

Ways of event communication **Ademco Contact ID, SMS, Voice calls, GPRS**

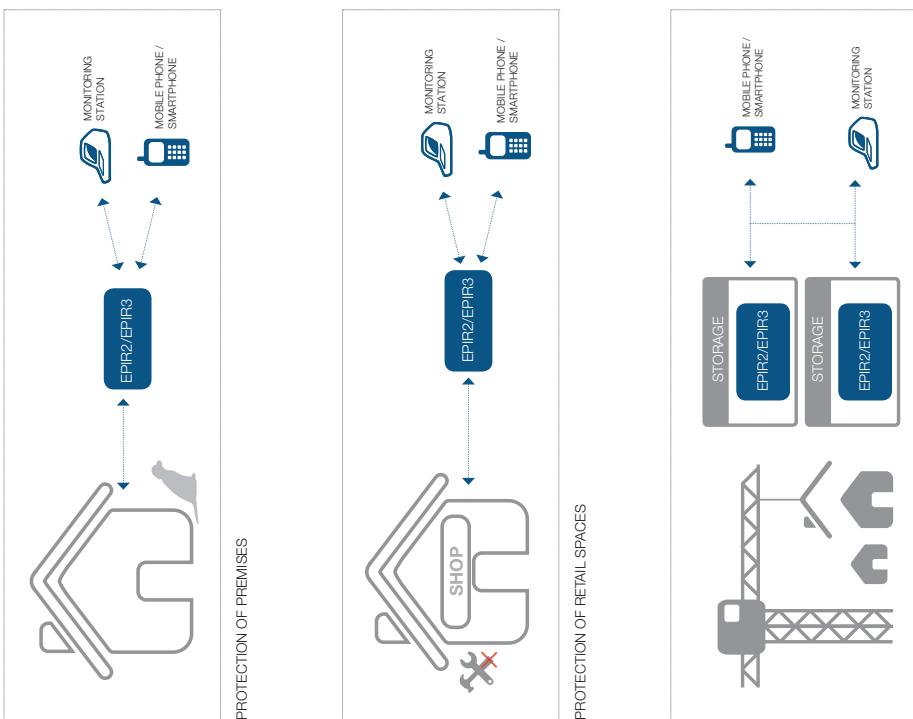
Authorized users **10**

Backup battery **Yes, built-in**

Detection angle and range **90° up to 10 m**

Backup battery **Ni-Mh, up to 24 hours**

Dimensions **120x65x60mm**



ELAN3-ALARM

ETHERNET COMMUNICATOR

ELAN3-ALARM is synced with alarm system ESM364 and GSM/GPRS communicator ET082. ELANS3 operates in IP-based networks. The device is an Ethernet-based communicator that enables instant internet access allowing to establish a communication between ESM364, or ET082 and EGR100 middleware or Kronos IP protocol-based monitoring station software. The product can be used to connect ESM364 to Eldes Smart Security platform.



FEATURES

- Supported Ethernet connectivity: 10/100 Mbit
- Enables internet access on ESM364 via Ethernet interface
- Automated configuration

TECHNICAL SPECIFICATIONS

- Power supply **10-24V 50Hz ~ 210mA max.**
Operating temperature range **-20...+55 °C**
Dimensions **70x85x57mm**

GPRS
CSD data
PSTN
SMS
GSM voice
LAN
(internet)



+



ESM364



ET082

ALARM TRANSMITTING
OVER IP

ET082

GSM/GPRS COMMUNICATOR

ET08 provides a „dial tone“ and fully replaces a telephone landline (PSTN) for alarm control panel reporting to monitoring station when the telephone line is unavailable or has been cut or disconnected by PSTN provider. This device can detect temporary service suspension by the service provider for technical or billing reasons even if a „dial tone“ is still present (optional extra).

ENCLAVURE



FEATURES

- Transmits data from alarm control panel to monitoring station via:
- Voice Calls (GSM audio channel);
- Voice Calls (GSM audio channel) and/or to users via SMS message;
- GPRS network;
- CSD (fax line).
- Two-way communication
- Data transmission, using 4-wire keybus
- Remote configuration over GPRS/SMS
- Output control by call

APPLICATIONS

- Property security;
- Compatible with any third-party alarm system
- Backup connection for PSTN;
- PSTN status monitoring in case it is cut-off or disconnected;
- Alarm system remote configuration via DTMF.

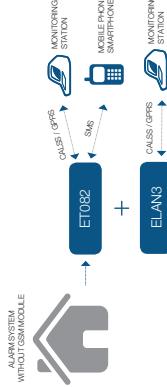
TECHNICAL SPECIFICATIONS

- Built in GSM module **850/900/1800/1900 MHz**
Authorized users **5**
Supported protocols **Ademco Contact ID, 4+2, SIA IP, Kronos Inputs/Outputs 3 inputs and 3 programmable outputs Input type NO/NC**
Generated phone line voltage **48 V**
Dial tone frequency **425Hz**
Power supply voltage **10-24V DC 300mA max.**
Operating temperature range **-20...+55 °C**
Dimensions **130x73mm**

WHY CHOOSE ET082?

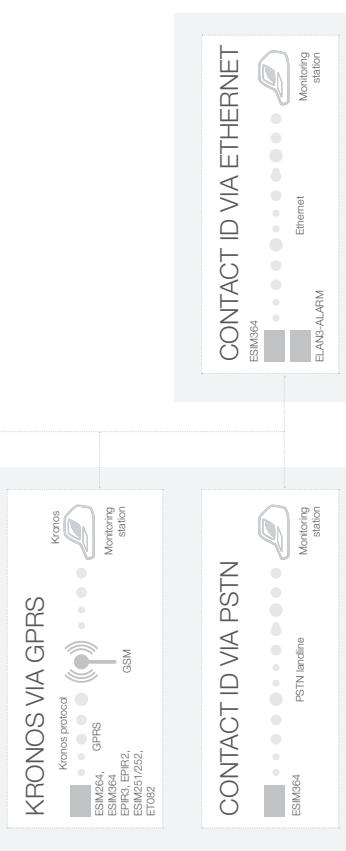
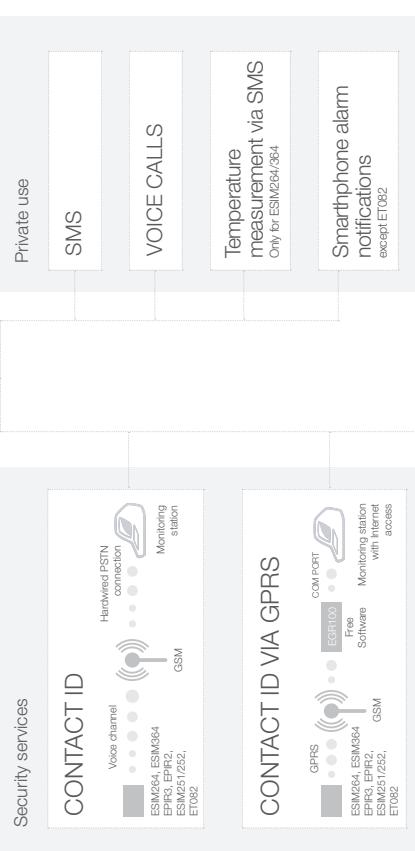
- Simulates fixed telephone line and replaces it fully where landline (PSTN) is unavailable.
- Transmits data by PSTN/GSM/GPRS/CSD.
- Can reroute data to monitoring station via GSM/GPRS network when it detects a loss of voltage on the PSTN landline.
- Can transmit data converted to SMS message for up to 5 users.
- Can reroute call to monitoring station via GSM network when it detects a temporary suspension of service by the service provider (which may be for technical or billing reasons) even when a dial tone continues to be provided (additional hardware required).

AREAS OF USE



Enables Internet access through
LAN Interface

ALARM TRANSMISSION METHODS



ESIM110/120

GSM SWITCH, GATE CONTROLLER

ESIM110/120 automatic gate controller (remote relay over GSM) is used to open gates, lift road barriers or turn on electronic devices remotely over the GSM network. When a call is made to the number of the SIM card inserted in ESIM110/120 the system checks if the number of the caller is recorded in the memory. If the number is present in the database the system rejects the call and turns on the relay for the preset period. If the number is not recognised, ESIM110/120 will not respond. The gate controller can also operate automatically according to a scheduled time or by sending a text message from administrator's phone number.



FEATURES

- Built-in Quad-Band GSM/GPRS communicator
- The system can be controlled by up to 2000 users and 5 administrators
- Notification via SMS text about a fault in gate or other automatic device
- Din-Rail plastic enclosure
- Optional IP66 enclosure
- 3 ways of configuration: SMS, USB or Internet
- Event Log access by Internet

APPLICATIONS

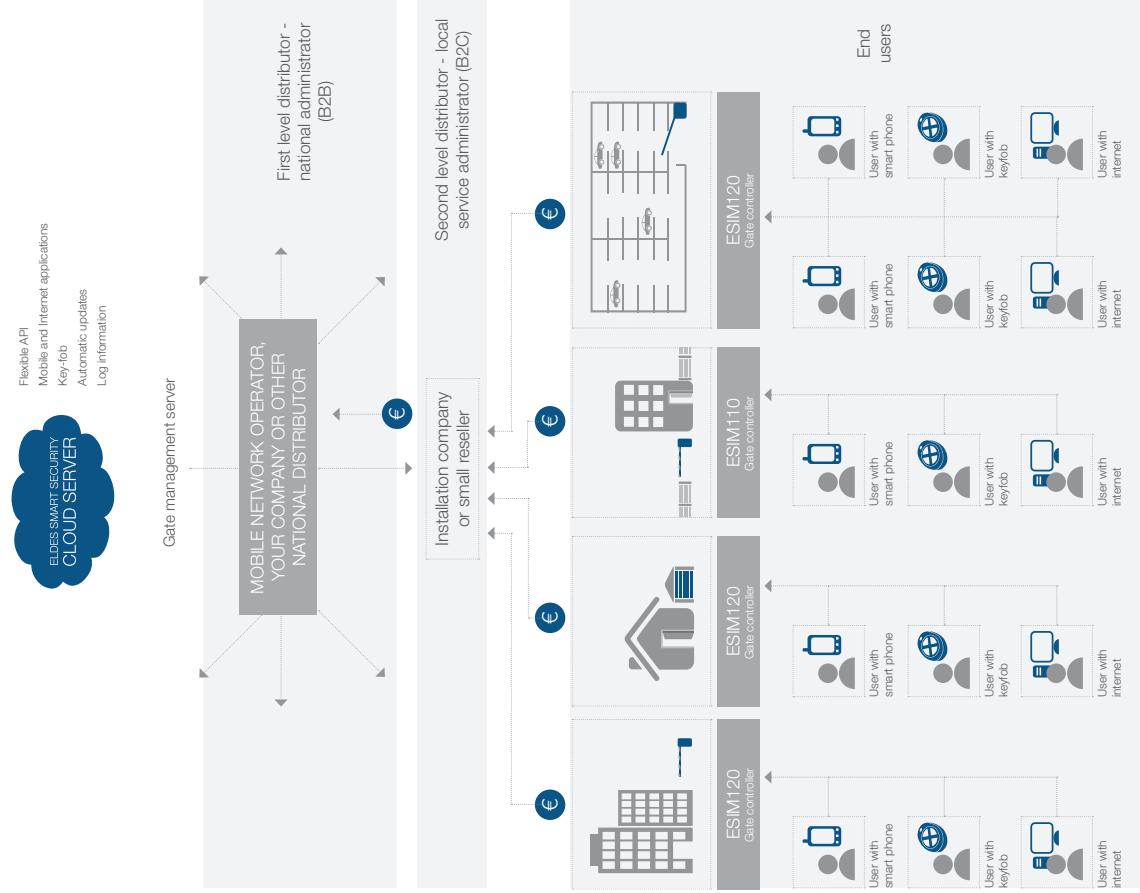
- Barrier control
- Gate control
- Computer system restart

TECHNICAL SPECIFICATIONS

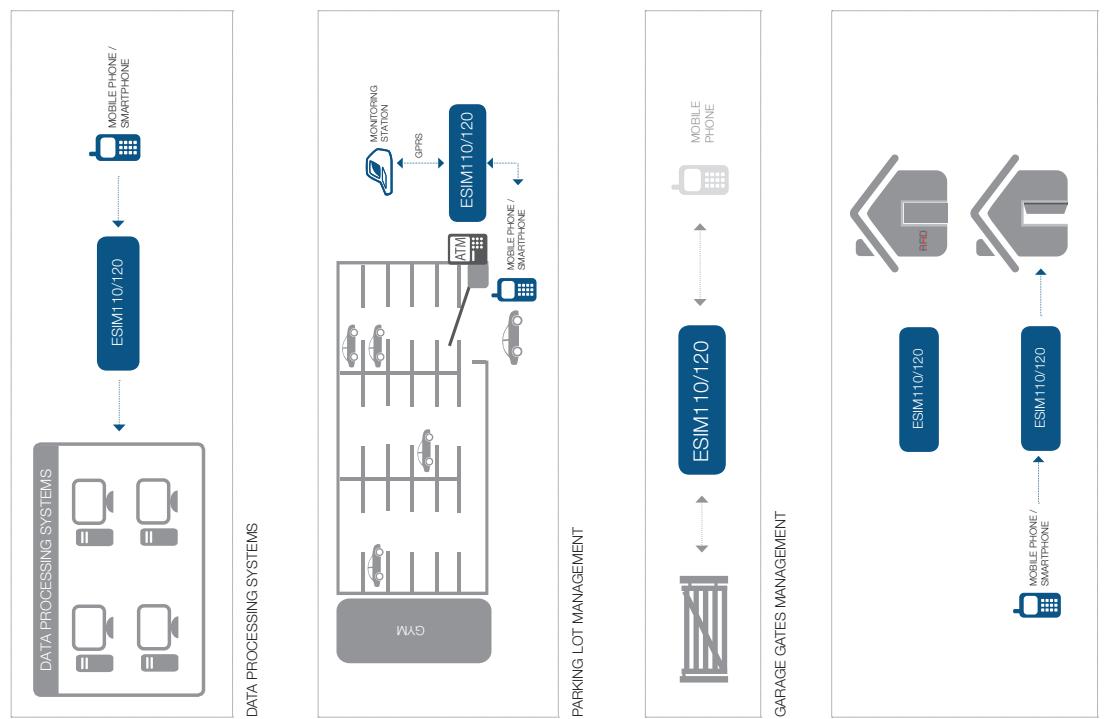
- Inputs 3
- Relay output 1 (ESIM110) / 2 (ESIM120)
- Event Log 1000
- Built in gsm/gprs module 850/900/1800/1900 MHz
- Administrators 5
- Authorized users 2000 (ESIM110), 500 (ESIM120)
- Wireless optional extra
- Operating temperature range -20...+55°C
- Dimensions 70x85x57mm

B2B PROJECT

GATE MANAGEMENT SERVER



AREAS OF USE



ESIM120 SMARTGATE

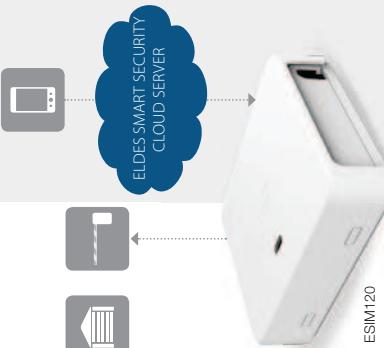
ESIM120 Smart Gate delivers a total control and monitoring of ESIM120 via your smartphone. It works on iOS and Android. Mobile application allows two-level user and administrator access. User is able to control gates and/or door remotely through smartphone widget. Administrator can set and access rights to any user, configure system and customize schedules.

TECHNICAL SPECIFICATIONS

Administrators 5

Users 500

Smart Gate compatibility on mobile iOS, Android



ESIM251/252

GSM AUTO DIALLER AND REMOTE RELAY

The main function of the ESIM251/252 is to operate as a supplement to any control panel. If PGM or Bell output is activated, a warning call is dialed and a text message is sent to the preset phone numbers or to monitoring station using Contact ID. The user can remotely control any electric equipment switching by a short, free of charge call. ESIM251/252 can also control electric equipment automatically according to a scheduled time or by sending a text message from a user's phone number.

OPTIONAL ENCLOSURE



FEATURES

- Built-in GSM/GPRS communicator
- Each input can be assigned to a separate user
- SMS and/or CALLS to 5 authorized users
- Optional Din-Rail plastic enclosure
- 3 ways of configuration: SMS, USB or Internet
- Event Log access by Internet
- Wireless 868MHz extension (optional)
- Voice messages

APPLICATIONS

- Informing a mobile phone about a triggered alarm
- Pulse counter
- Notification of failure or restoration of an electronic device via SMS/CALL
- Any electrical appliance switching

TECHNICAL SPECIFICATIONS

Inputs	5
Relay output	1 (ESIM251) / 2 (ESIM252)
Event log	1000
Built in gsm/gprs module	850/900/1800/1900 MHz
Authorized users	5
Microphone connector	yes
Pre-recorded messages	10
Power supply voltage	10-24V AC/DC
Operating temperature range	-20...+55°C
Dimensions	82x63x20mm

10 VOICE MESSAGES OF A LENGTH UP TO 15 SEC. EACH



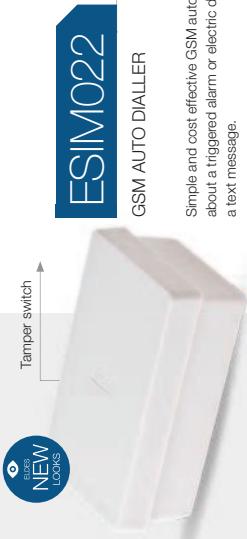
- Record your voice message.
 - Upload it to ESIM251/252.
 - After receiving the signal the system will make a call. You will hear your recorded message and/or you will receive an SMS message.
- Voice messages of up to 15 seconds length can be recorded for alarm and restore event of every input.

METAL ENCLOSURE ME1



REMOTE CONTROL AND MONITORING

REMOTE CONTROL AND MONITORING



ESI M022

GSM AUTO DIALLER

Simple and cost effective GSM auto dialler, microcontroller, 2 inputs and 1 output. Informs about a triggered alarm or electric device failure. Allows remote electric device control via a text message.

FEATURES

- Built-in Quad-Band GSM/GPRS communicator
- SMS or CALLS TO 2 authorised users
- Wall mount plastic enclosure
- User-friendly configuration via SMS, USB



Optional
backup battery.

EASY TO SETUP

- Connect 3 wires
- Insert a SIM card and make a call
- System is ready

TECHNICAL SPECIFICATIONS

Inputs 2

Output 1 open collector 200mA 30V

Built-in GSM/GPRS module: 900/1800 MHz

Authorized users 2

Microphone connector yes

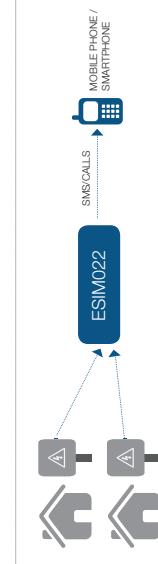
Battery time up to 12 hours

Dimensions 96x59x34mm

AREAS OF USE

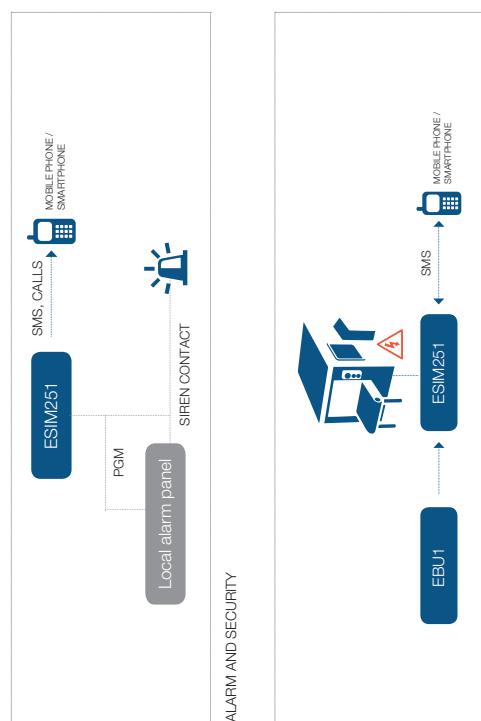


NON-GSM ALARM SYSTEM ARMING/DISARMING BY SMS TEXT MESSAGE

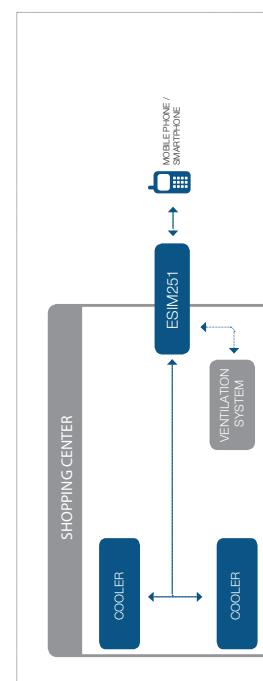


PROTECTION AND MONITORING POINTS OF ELECTRICITY DISTRIBUTION EQUIPMENT

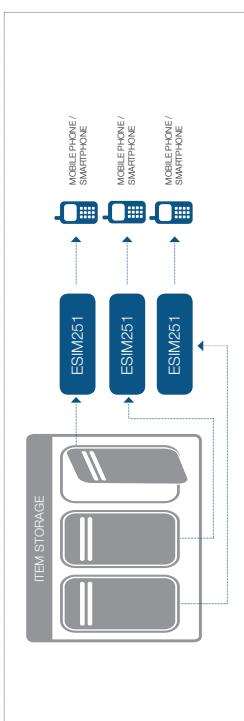
AREAS OF USE



DETECTION OF POWER SUPPLY FAILURE



SHOPPING CENTERS



STORAGE MANAGEMENT

ESIM4

BATTERY POWERED WATERPROOF GSM DIALLER

The GSM dialler is mounted in a waterproof casing, which has a IP65 rating. The device is fully autonomous, powered by 4 AA Li-Ion batteries and doesn't require any additional power sources. The device operates in sleep mode while the GSM module is switched off, and "wakes up" only at specified time or when the INPUT is triggered or vibration is detected. After the activation of one of the INPUTS, the device sends out an SMS or calls the preset users.

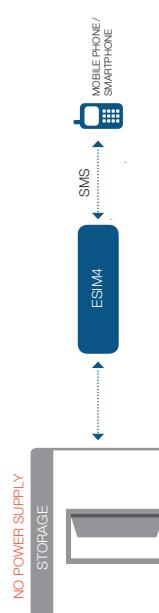
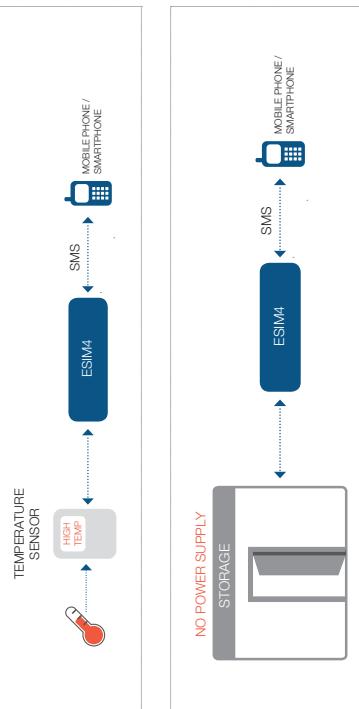
FEATURES

- SMS or CALLS to 10 authorised users
- Configuration via USB, SMS, QR code
- Battery up to 2 years
- Vibration sensor onboard
- One wired interface for temperature sensor connection
- 12V auxiliary output for analog sensor power

TECHNICAL SPECIFICATIONS

- Inputs **2**
 Inputs mode **digital/analog**
 Output **1 open collector 200mA 12V max switching**
 Number of auxiliary terminals **1**
 Maximum supported number of temperature sensors **8**
 GSM modem frequency **900/1800 MHz**
 Authorized users **10**
 Microphone connector **Yes**
 Antenna connector **SMA type**
 Operating temperature range **-20...+50 °C**
 Dimensions **115x90x56mm**

AREAS OF USE



USER INTERFACE



ENCLOSURE RATING IP65



KEYPAD EK22

- ARMED, READY, SYSTEM, BYPASS LEDs
- Backlit buttons
- GSM panel configuration via keyboard
- 12 LED indicate triggered zones
- Tamper, 1 additional keyboard zone
- Compatible with ESIM264/364 panel

KEYPAD EK22

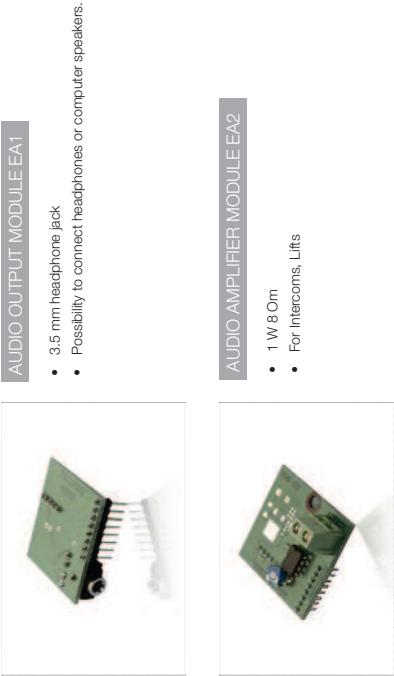
- Modern design with Glass Top
- Touch sensitive buttons
- LCD graphic display
- Tamper, 1 additional keyboard zone
- Easy-to-install
- Compatible with ESIM264/364 panel



PLASTIC ENCLOSURE ED1 FOR IBUTTON READER AND TEMPERATURE SENSOR

- Enclosure for easy installation of iButton reader
- Built-in buzzer
- Temperature Sensor DS18S20 (-55°C to +125°C)
- Compatible with ESIM264/364 panel

AUDIO MODULES



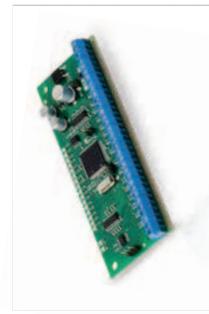
AUDIO OUTPUT MODULE EA1

- 3.5 mm headphone jack
- Possibility to connect headphones or computer speakers.

AUDIO AMPLIFIER MODULE EA2

- 1W 8 Ohm
- For intercoms, lifts

ZONE AND PGM EXPANSION MODULES



HARDWIRED ZONE & PROGRAMMABLE
OUTPUT EXPANSION EPGM1

- 16 hardwired zones
- 2 programmable outputs 500 mA
- Compatible with ESM264/364 panel

HARDWIRED PROGRAMMABLE
OUTPUT EXPANSION EPGM8

- 8 programmable outputs 500 mA
- Compatible with ESM264/364 panel



868 MHz WIRELESS MODULES



WIRELESS INDOOR SIREN EWS3

- 4xAA 1.5V alkaline batteries
- Audio and visual signals
- Compatible with ELDES WIRELESS



WIRELESS OUTDOOR SIREN EWS2

- Compatible with ELDES WIRELESS
- 3xAA 1.5V alkaline batteries.
- Operating temperature range -30... +55 °C



WIRELESS SOCKET EWI1

- Compatible with ELDES WIRELESS
- Switches 230V AC 50Hz 2kW
- Different types of Schuko plugs
- Available in C2



WIRELESS KEYPAD EKB3W

- Compatible with alarm and control panel ESM364, EPIR, EPIR2, EPIR3
- 12 LED zone status indicators
- Tamper, 1 additional keyboard zone
- GSM panel configuration via keyboard
- Two level Passwords (User and Administrator)
- 3AAA 1.5V alkaline batteries

868 MHz WIRELESS MODULES

WIRELESS MAGNETIC DOOR/WINDOW SENSOR EWD1

- Monitor doors, windows
- Compatible with ELDÉS WIRELESS
- Emergency Button

WIRELESS MAGNETIC DOOR CONTACT/SHOCK SENSOR EWD2

- Monitor doors, windows
- Compatible with ELDÉS WIRELESS
- External input
- Built-in shock sensor

WIRELESS TRANSMITTER EW/T1

- Supports up to 16 wireless devices:
- PIR, Zones, PGM, Key fobs, etc.
- Compatible with ESM264 panel



WIRELESS KEYFOB EW/K1

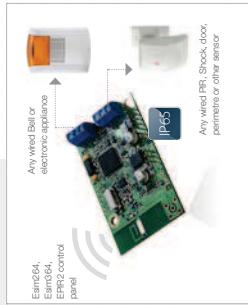
- Four buttons for arming/disarming, turning ON/OFF programmable outputs or as emergency button
- Compatible with ELDÉS WIRELESS

WIRELESS KEYFOB EW/K2

- Four configurable buttons
- Sleek design
- Compatible with ELDÉS WIRELESS

WIRELESS EXPANSION MODULE EW/1

- 2 zones
- 2 programmable outputs 500 mA
- Expansion for any non-wireless device such as Bell, Easy to connect outside perimeter detector
- Compatible with ELDÉS WIRELESS
- Additional accessory IP65 plastic enclosure
- Battery-powered version available. Order code EW/B



WIRELESS SMOKE DETECTOR EW/F1

- Built-in siren
- Plastic enclosure
- Insect proof
- Compatible with ELDÉS WIRELESS



WIRELESS PIR SENSOR EWP1

- Digital motion detector
- Viewing angle 90° up to 10 m
- Compatible with ELDÉS WIRELESS



WIRELESS PIR SENSOR EWP2

- Digital motion detector
- Viewing angle 90° up to 10 m
- Modern sleek design
- Pet immune
- Compatible with ELDÉS WIRELESS



SMART SECURITY

CLOUD SERVER

Eldes Smart Security is a security system controlled remotely from web or mobile applications. From now on you can monitor and control your security system from any place, at any time. A multi-purpose functionality of Smart Security platform can be adapted in various industries as B2B project. It allows companies to provide the specific GSM service and/or product to B2C and end user sectors.



SOFTWARE AND SERVICES



ELAN3 SNMP

I/O ETHERNET CONTROLLER

ELAN3 allows the inputs and outputs of any network device to be managed via SNMP Protocol. Built-in Web ensures easy configuration. Ethernet controller can be applied to process automation control, to monitor electricity power transmission systems or used for building automation monitoring, elevator monitoring. Possibility to choose input type: digital or analog. Available in Q1.

FEATURES

- Super price/ performance
- SNMP - Simple Network Management Protocol
- 4 analog/digital input
- 1 output
- Easy web configuration - built-in WEB server
- Aluminum enclosure
- Ethernet connection

TECHNICAL SPECIFICATIONS

- 10/100BaseT Ethernet port **yes**
 Inputs **4 (0-10 V DC)**
 Output **1 (150 mA)**
 Status LEDs **2**
 Power supply voltage **10-24 V AC/DC**
 Temperature sensors **up to 8**



EBU1

BACKUP POWER SUPPLY WITH BATTERY

Backup Power Supply EBU1 for any electronic equipment, where uninterrupted power supply is required. Has an output for failure indication. Charges Ni-Mh 9V 250mAh battery which is already installed in the unit.

FEATURES

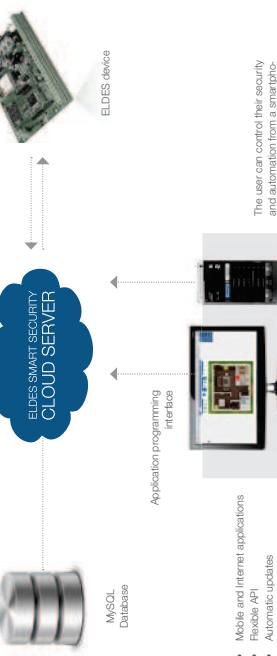
- Provides power for low power electronic equipment in case of main power supply failure
- Open collector output for indication of mains failure
- Ni-Mh rechargeable battery included
- Plastic enclosure for easy fixing to the wall or other surface
- 5 x 15cm long wires included for easy installation

TECHNICAL SPECIFICATIONS

- Power supply **11.5-30 VDC**
 Output power supply while operating on battery **6.5-10.5 VDC max 0.5A**
 Battery type **Ni-MH 9V 250mAh**
 Output for external power supply indication **Open collector**
 Dimensions **80x36x21 mm**

WIRELESS AND ACCESSORIES

NEW LOCKS



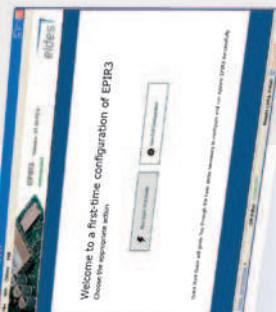
SOFTWARE

IP RECEIVER SOFTWARE EGR100

EGR100 receives information from ELDES control panels via GPRS and converts it to the popular MLR2-DG format used by third party monitoring stations. All you have to do is simply install the program on a PC that has access to the internet. EGR100 creates a virtual COM port, collects data from the alarm control panels and forwards it to monitoring station software.

FEATURES

- Firewall
- Easy upgrade of an existing landline based Alarm Receiving Center to GPRS based communication.
- Compatible with monitoring station MLR2-DG protocol receivers.
- Supported operating systems Windows XP/Vista/Win7
- Up to 10,000 objects
- Encrypted transmission
- Configurable PING signal timeout
- Event LOG buffer



ELDES CONFIGURATION TOOL

ElDES Configuration Tool is a software designed for operation with ElDES systems. This tool helps quickly and easily to set parameters of the device, enter user data or simply change passwords which, otherwise, would have to be specified sending separately via SMS messages from mobile phone.

FEATURES

- Free download
- Supported operating systems XP/Vista/7
- Language: English (Help), English, Russian, Czech, Portuguese

OEM PROJECTS

SMOKE DETECTOR WITH AN INTEGRATED GSM MODULE FIRETEXT

Firetext is a battery powered SMS Smoke Alarm. Upon activation the alarm generates a user-defined text message which can be sent to a maximum of 4 mobile recipients. Each Text Messaging Smoke Alarm has a 9V Lithium battery that will provide a minimum of 36 continuous activations. Zero activations can result in a life span in excess of 15 years. Average usage should result in a battery life of 2-4 years. If tested weekly the battery will need to be replaced every 3-6 months.



GSM CARE MONITORING DEVICE SENCIT

SenCit is a new and unique device for helping to keep a remote but discreet eye on lone or vulnerable individuals. The main function is to let you know, via SMS text message, when someone has had a fall or become incapacitated. SenCit can also help with monitoring room temperature and power cut issues within the home or can be used as a simple security system.



TEMPERATURE PROTECTION ALERT SYSTEM KOOLDOG

This device allows you to monitor the temperature of your vehicle while you are out and about, to protect your pet. If it gets too warm, KooDog will text you and call you to let you know. You can call KooDog back at anytime to listen to your dogs. It's a mobile phone for your pet!



ELDES PROJECTS

SOFTWARE AND SERVICES

SOLUTION FOR RENTAL HOUSES

System can control the heating, lights, locks and other functions in rental houses from one computer. Application is based on a Windows server and uses MySQL database. It allows remote control functions via the web interface and feedback of data from the houses. System works with control panel ESM264 and special firmware.

HEATING AND WATER SUPPLY

 Each house is equipped with thermo sensors. There are 2 temperature modes. The "low" mode is used when the house is not occupied and the "high" mode - when it is rented. The web interface can be used to switch between low and high modes. For each house it is possible to individually preset the low temperature and the high temperature. If temperature drops below the lower limit for a prolonged time, the system will send an alarm.

12 hours before a house is rented the heating is automatically switched to "high". The time when a rental period starts and stops is fed from the SQL database and is handled automatically.

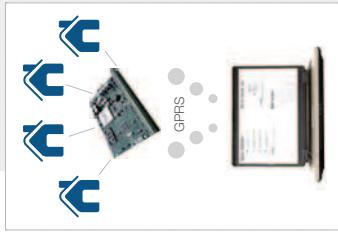
Water boiler heating is turned on at the same time as the temperature is set to "high" mode.

LIGHTS

 Lights can be turned on or off manually from the web interface. Also lights could be turned on automatically at the same time as the water heater and turned off in the same manner. The on and off time will be read from the database.

LOCKS

 The system allows to create unique pass codes for new rental periods, which are terminated after the rental period ends. The customer must enter the pass code in the keypad to enter to the house. Main unit turns on/off electromagnetic lock, controlling the entry to the house. If a user forgets his code, the rental company can generate a new one.



CONNECTION OF ANALOG INPUTS AND MONITORING VIA GPRS

Using the ESM264 controller with special firmware and adopted hardware, it is possible to monitor via GPRS and special server software the level of liquids such as oil or water in tanks. You just need to install the tank level sensor and connect it to the control panel. This device can be adapted for other applications requiring analog inputs.

FEATURES

- Analog Inputs 4-20mA or 0...20V DC
- Up to 44 programmable outputs for turning on/off any electric appliance.

