ELDES

PRODUCT CATALOG

THIS VERSION ALSO INCLUDES

ELDES CLOUD SERVICES

PITBULL ALARM

ABOUT ELDES

ELDES is an electronic engineering and design company, specializing in residential and business alarm, monitoring, control and automation systems, and services.
ELDES vision is CONNECTED PROTECTED COMFORT: a smooth blend of security and automation capabilities, dedicated for smart homes, focusing on usability, flexibility and quality.

QUICK FACTS:

2005

70

70+

Lithuania

UK office

All products developed, manufactured and assembled in Lithuania, European Union

ELDES products fully comply with the requirements of **ISO 9001**. Design, manufacture and sales of electric equipment are certified through **Bureau Veritas** Lithuania, 2013

AWARDS AND CERTIFICATIONS:

- “Strongest in Lithuania 2013” certifies that Eldes is a reliable company due to terms of financial obligation and has an excellent reputation. Approved by “Creditinfo Lithuania“, 2014
- “The Best Innovation Product“ (ELDES EPIR3). The contest of International Protection, Security and Fire Safety exhibition MIPS, Moscow, 2014
- “Merits to Business”, by Ministry of Economics of the Republic of Lithuania, 2011
- “Sail of Europe” for the best EU project in the category “Science and Innovation”, awarded by Ministry of Finance of the Republic of Lithuania, 2010
- “Lithuanian Product” (ELDES EPIR) for the best housing equipment in “Alarm and Security” category, awarded by national committee of “Home World 2010”, Lithuania, 2010

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Wireless Sirens

Wireless Accessories

76 zones GSM Control Panel ESIM364

Eldes Accessories

Communicators

Eldes Configuration Tool

Alarm Receiving Center Solutions

GSM Control Panel ESIM264

Gate Controller ESIM120

GSM Dialler ESIM022

GSM Dialler/Control Panel ESIM4

GSM Remote Matrix Relay ESIM252

I/O Ethernet Controller ELAN3-SNMP

Project based partnerships

GSM REMOTE CONTROL &
ALARM SYSTEMS

PITBULL ALARM

ENTRY	COMPACT	STANDARD
MAIN MOTION	MAIN MOTION	MAIN MOTION
	WINDOW/DOOR SENSOR	MOTION SENSOR
	KEYFOB	WINDOW/DOOR SENSOR
		KEYPAD
		SIREN

Wireless PIR sensor **EWP2**

Wireless indoor siren **EWS3**

EPIR

Wireless keypad **EKB3W**
Arm / Disarm

Wireless Keyfob **EWK2**
Arm, Disarm, switch on/off

Wireless window/door sensor **EWD2**

HOME OWNER

- GSM: • SMS • Voice call
- Mobile data: **ELDES CLOUD SERVICES**
  - • Monitor: statistics, events, faults
  - &
  - APP (iOS, Android) • Control: arm/disarm, on/off outputs

SECURITY COMPANY

- Mobile data → **KRONOS, ELDES protocols**
- GSM Voice → **Contact ID**

868/915 MHz wireless

Mobile networks

EPIR

STANDALONE GSM
ALARM CONTROL PANEL
IN ONE MOTION SENSOR
16 WIRELESS
+1 WIRED DEVICES

Any security breach will be alerted directly to the owner, or be reported to the monitoring station, using their standard protocols.

FEATURES

- 10 authorized users
- Configuration via USB, Internet or SMS
- Up to 16 ELDES wireless devices
- 32 wireless zones
- Pet immune
- Powerloss identification and reporting
- 1 wired zone
- 1 wired output

TECHNICAL SPECIFICATIONS

- GSM/GPRS communicator: **850/900/1800/1900 MHz**
- Wireless: **868/915 MHz integrated**
- GSM antena: **internal**
- Dimensions: **120x65x55 mm**
- Power supply: **12V**
- Detection angle: **90°**
- Detection range: **up to 10 m**
- Operating temperatures: **-10... +40C°**
- Backup battery: **Ni-Mh, 250mAh, up to 24 hours**
- Communications: **SMS, voice calls, GPRS, CSD**
- Protocols: **Ademco Contact ID, Kronos, Cortex SMS, ELDES protocol**

MORE

- Temperature sensor
- Covert listening
- CID event log: 100
- Idle state current consumption 50mA
- 2 tampers
- Ideal for flats, cottages, summer houses, caravans

Tablet / Smartphone
SERVICES
ELDES CLOUD
SERVICES
CLOUD.ELDES.LT
ESIM364
EPIR
ESIM120
Laptop/
Personal Computer

ELDES 868/915MHZ 2-WAY COMMUNICATION

WIRELESS SENSORS

FOR ESIM364 AND EPIR3

UP TO **100 m**

BATTERY TIME: **~12-18 MONTHS**

OPERATING TEMPERATURES: **-20.. + 50°C**

EWD2

MAGNETIC DOOR CONTACT/SHOCK/ FLOOD (EFS1) SENSOR

- Body dimensions: 101x22x20 mm
- Magnet dimensions: 47x17x10 mm
- One wired zone
- Battery type: 1,5V Alkaline AAAA type

EWP2

PET IMMUNE WIRELESS PIR SENSOR

- Viewing angle: 90° up to 10 m
- Dimensions: 120x65x60 mm
- Battery type: 1,5V Alkaline AA type

EWF1

WIRELESS SMOKE DETECTOR

- Detection type: photoelectric chamber
- Sensitivity: 3.0 - 6.0 % Obs/m
- Alarm sound level: 85dB at 3 m
- Dimensions: 113 mm diameter
- Height: 39 mm
- Battery type: Primary 9V Lithium 1200mAh ANSI/NEDA 1604LC

ELDES 868/915MHZ 2-WAY COMMUNICATION

WIRELESS INTERFACES

FOR ESIM364 AND EPIR3

UP TO **100 m**

BATTERY TIME: **~12-18 MONTHS**

OPERATING TEMPERATURES: **-20.. + 50°C**

EKB3W

WIRELESS KEYPAD

- Dimensions: 140x100x18 mm
- Battery type: 1,5V Alkaline AAA

EWK2

WIRELESS KEYFOB

- Dimensions: 53x37x10 mm
- Programmable panic or control buttons
- Battery type: CR2032 Lithium

EWK2A

WIRELESS KEYFOB

- Dimensions: 53x37x10 mm
- Panic button
- Battery type: CR2032 Lithium

ELDES 868/915MHZ 2-WAY COMMUNICATION

WIRELESS SIRENS

FOR ESIM364 AND EPIR3

UP TO **100 m**

BATTERY TIME: **~18 MONTHS**

EWS2

WIRELESS OUTDOOR SIREN

- Operating temperatures: -30...+55°C
- Sound level: 104dB
- Dimensions: 201x140x36 mm
- Tampers
- Battery type: 1,5V Alkaline AA type

EWS3

WIRELESS INDOOR SIREN

- Operating temperatures: -20...+55°C
- Sound level: 90dB
- Dimensions: 167x80x34 mm
- Tampers
- Battery type: 1,5V Alkaline AA type

ELDES 868/915MHZ 2-WAY COMMUNICATION

WIRELESS ACCESSORIES

FOR ESIM364 AND EPIR3

UP TO **100 m**

OPERATING TEMPERATURES: **-20.. + 55°C**

EW2

WIRELESS EXPANSION MODULE TURNS ANY WIRED SENSOR INTO WIRELESS

- 4 any wired sensors
- 2 open collector outputs
- 4 analog inputs
- 2 inputs for 10k NTC and PT1000 temperature sensors
- Battery or external power supply

EWR2

WIRELESS SIGNAL REPEATER

- 2 zones
- Up to 4 repeaters per system
- Power supply: DC 9-15V; 300mA
- Backup batteries: 3x rechargeable NiMH 1.2V AA >2000mAh, up to 48 hours
- Dimensions: 94x137x25 mm

ESIM364

eldes

Wireless smoke detector **EWF1**

Wireless signal repeater **EWR2**

Wireless power socket **EWM1**

Wireless PIR sensor **EWP2**

Wireless outdoor siren **EWS2**

Wireless indoor siren **EWS3**

Wireless keypad **EKB3W**
Arm / Disarm

ESIM364

Flood sensor
EWD2 + **EFS1**

Wireless magnetic door contact **EWD2**

Touch sensitive keypad **EKB2**
Arm, Disarm

Wireless Keyfob **EWK2**
Arm, Disarm, switch on/off

Alarm
ELAN3-ALARM

Wireless shock sensor **EWD2**

EW2
Any wired zones transmitted to control panel

Infrared barrier

HOME OWNER

- GSM: • SMS • Voice call
- Mobile data: **ELDES CLOUD SERVICES**
  - • Monitor: statistics, events, faults
  - • Control: arm/disarm, on/off outputs

APP (iOS, Android)

SECURITY COMPANY

Mobile data	SIA IP, KRONOS, ELDES protocols
GSM Voice	Contact ID
PSTN	Contact ID
LAN	SIA IP, KRONOS, ELDES protocols

Wireless
Mobile networks
PSTN
Cable

POSSIBLE SCENARIOS

Gas leakage triggers notification

Open window switches A/C off

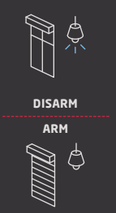
Turn on A/C if temperature is up

Send notification when tank is full

Don't let boiler heat on scheduled hours

Turn on light according to schedule or light sensor

Close window blinds when it's hot



Close blinds when Arming on.

ESIM364

HYBRID

GSM CONTROL PANEL

76 ZONES ALARM MONITOR CONTROL

Advanced, flexible and reliable alarm and control panel for residential and business use.

EN 50131-1 GRADE 3 CLASS II CERTIFIED

FEATURES

- 10 authorized users
- 30 user codes
- 4 partitions
- 32 wireless devices
- 6 (ATZ mode: 12) onboard zones
- Up to 76 zones
- 4PGM outputs max 500mA (extended up to 76)
- Up to 4 keypads
- Microphone
- 16 logic schedulers
- Remote firmware update
- Configuration via USB, SMS, IP networks or keypad

TECHNICAL SPECIFICATIONS

- GSM/GPRS communicator: **850/900/1800/1900 MHz GSM**
- Wireless: **868/915 MHz integrated**
- GSM&Wireless antena: **2, external**
- Dimensions: **140x100x18 mm**
- Operating temperatures: **-20... +50C°**
- Communications: **SMS, voice calls, GPRS , Ethernet, CSD, PSTN**
- Protocols: **Ademco Contact ID, Kronos, Cortex SMS, ELDES protocol, SIA IP.**

MORE

- Keypad zone support
- CID event log: 100
- System log: 500
- 8 temperature sensors (DS18S20, DS18B20)
- Voice messages
- Optional Audio Out
- Optional PSTN communication
- Optional Ethernet communication with Elan3-Alarm
- Dallas iButton reader

ELDES WIRED **INTERFACES**

EKB2

WIRED KEYPAD

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

EKB3

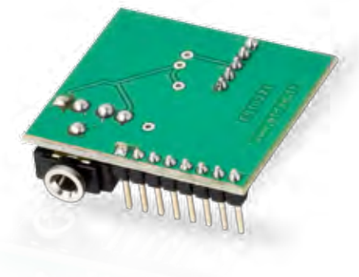
WIRED KEYPAD

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

EA1

AUDIO OUTPUT MODULE

- 3.5 mm headphone jack
- Allows the connection of external wired headphones or computer speakers and enables dual voice communication for intercom



EA2

AUDIO AMPLIFIER MODULE

- 1 W 8 Om
- For Intercoms, Elevators
- 2-way voice communication
- Allows the connection of wired computer speakers and enables dual voice communication for intercom

ELDES WIRED **INTERFACES**

ED1

PLASTIC ENCLOSURE

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

EPGM1

HARDWIRED ZONE & PROGRAMMABLE OUTPUT EXPANSION

- 16 hardwired zones
- 2 programmable outputs 500mA
- Compatible with ESIM264/364 panel
- Wired

EPGM8

HARDWIRED PROGRAMMABLE OUTPUT EXPANSION

- 8 programmable outputs 500mA
- Compatible with ESIM264/364 panel

EWT1

WIRELESS TRANSMITTER

- Supports up to 16 wireless devices
- Compatible with ESIM264 panel

EBU1

BACKUP POWER SUPPLY WITH BATTERY

Backup power supply EBU1 for any electronic equipment, such as PIR sensor, zone expander, 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.

- 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

ME1

METAL ENCLOSURE FOR ESIM264/ESIM364

- Transformer included
- Transformer type TSZZB 40/002M/3
- Fuse 1A
- Tamper switch

GSM/GPRS COMMUNICATOR

ET082

Add GSM connectivity to your existing control panel. Backs up or replaces PSTN line for any third party alarm control panel. Detects severed line.

FEATURES

- Severed PSTN line detection
- 5 authorised users
- Multichannel communication: PSTN, GSM Voice, SMS, GPRS, CSD
- 2 way communication
- Remote configuration
- Output control by call

TECHNICAL SPECIFICATIONS

- GSM/GPRS communicator: **850/900/1850/1900 MHz**
- Protocols: **Ademco Contact ID, 4+2, Kronos, SIA IP, ELDES protocol**
- **3** inputs (NO/NC)
- **3** outputs
- Generated phone line voltage: **48V**
- Dial tone frequency: **425MHz**
- Power supply: **10-24V DC, 300mA**
- Dimensions: **140x105x30 mm**

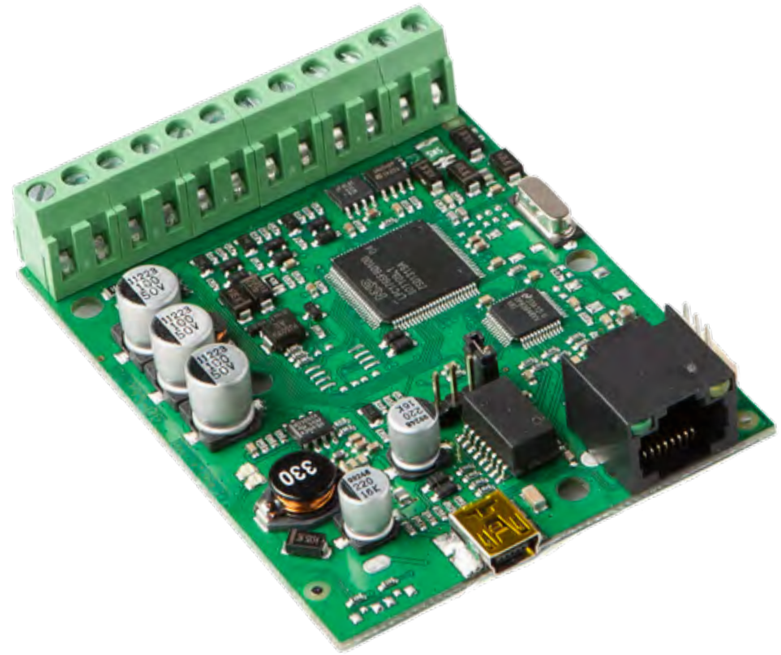
MORE

- Simulate PSTN line
- Add Elan3-Alarm for ethernet communication
- Detects temporary service suspension
- Retrieves serial data from **any brand** alarm panel

ETHERNET COMMUNICATOR

ELAN3 -ALARM

Adds IP communication to ET082 or ESIM364



FEATURES

- Supports ESIM364 and ET082
- Automated configuration

TECHNICAL SPECIFICATIONS

- **Kronos, SIA IP, ELDES** protocols
- **10/100Mbps**
- Dimensions: **63x82x17 mm**
- Operating temperatures: **-20... +50° C**
- Power supply: **10-24V DC, 210mA**

ELDES
CONFIGURATION TOOL

CONFIGURE ANY ELDES DEVICE WITH ONE POWERFUL TOOL
IN LOCATION OR **REMOTELY**

FEATURES

- One software for all ELDES devices
- Supports local (USB) and remote connectivity
- Supported operating systems XP/Vista/7
- Multilanguage
- Help: English, Russian, Czech, Portuguese
- Automatic updates
- FREE!

ALARM

RECEIVING CENTER SOLUTIONS

IP RECEIVER SOFTWARE

EGR100

Medium between ELDES control panels and monitoring stations to ensure redundancy.EGR100 creates a virtual COM port, collects data from the alarm control panels and forwards it to monitoring station software.

FEATURES

- Supports industry standard: MLR2- DG
- Supports ELDES control panels
- Operating systems: XP/Vista/7
- Free download and support
- Up to 10 000 objects

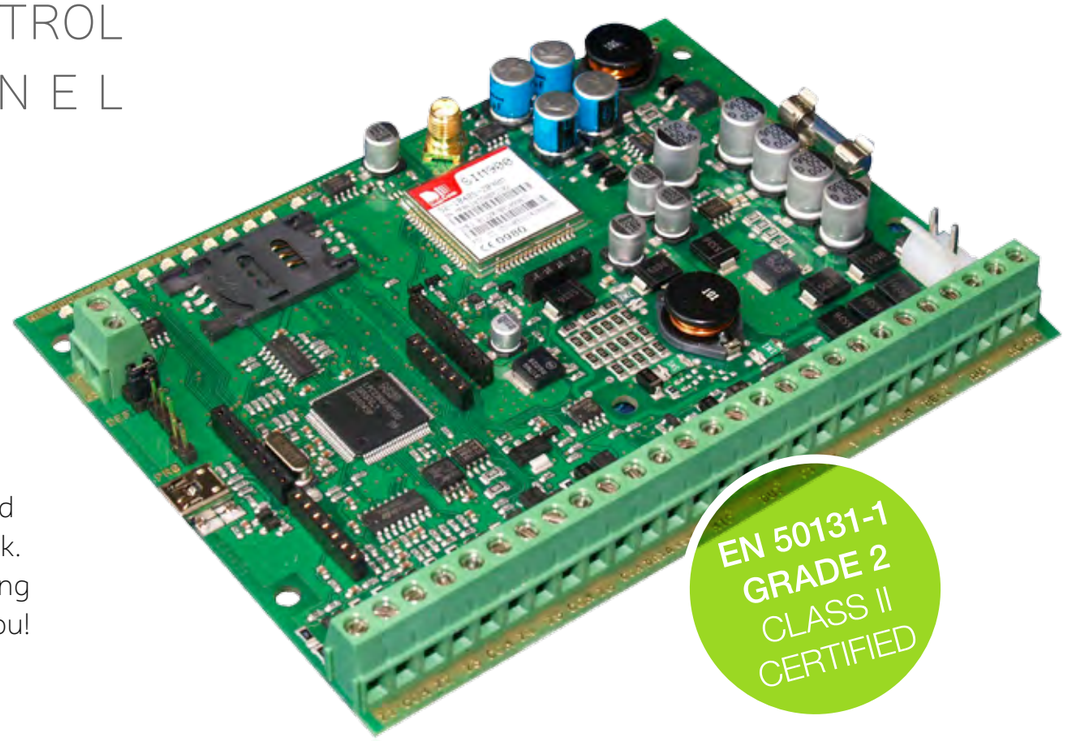
ELDES MONITORING STATION EQUIPMENT

ESR100

- Supports third party monitoring software compatible with MLR2-DG (SURGARD protocol)
- Configuration via Internet browser
- Communication methods: Internet, SMS (Cortex), CSD
- External GSM antenna
- RS-232 port, Ethernet port, 4 USB ports
- 2G Modem
- Up to 10 000 objects

ESIM264

28 WIRED ZONES GSM CONTROL PANEL



Securing premises, controlling devices and building automation through GSM network. Instant notifications to the alarm monitoring center or directly to the owner, it's up to you!

FEATURES

- 5 authorized users
- 30 user codes
- 2 partitions
- 6 (ATZ mode: 12) onboard zones
- Up to 44 zones
- 4x500mA
- Up to 4 keypads
- Microphone
- Configuration via USB, SMS or GPRS

TECHNICAL SPECIFICATIONS

- GSM/GPRS communicator: **850/900/1800/1900 MHz GSM**
- Dimensions: **140x100x18 mm**
- Operating temperatures: **-20... +50°C**
- Protocols: **Ademco Contact ID, SMS, Voice calls, ELDES protocol**

MORE

- Keypad zone support
- Event buffer: 100
- Event log: 500
- Temperature sensors (DS18S20, DS18B20)
- Optional Audio Out
- Optional ELDES wireless communication (+16 wireless zones)
- Dallas iButton reader

GSM REMOTE
AUTOMATION SYSTEMS

GATE CONTROLLER
ESIM120

2 RELAY OUTPUTS
5 ADMINISTRATORS

2000+ USERS TO OPEN THE GATES.

Incredibly flexible automation for personal, residential or community use.

Call, SMS, widget, or web.

Use, configure, schedule, monitor.

Saves money with drop/clip (free of charge) calls

FEATURES

- 5 Administrators
- 500 users
- 3 ways of configuration: SMS, USB, Internet network (optional)
- Notifications sent via SMS text about a fault with the gate or another automatic device
- Supports up to 8 separate logic schedulers

TECHNICAL SPECIFICATIONS

- Inputs: **3**
- GSM/GPRS communicator: **850/900/1800/1900 MHz**
- Dimensions: **84x105x30 mm**
- Operating temperature range: **-20...+55°C**
- Supply voltage: **10-24V AC/DC**

MORE

- Remote configuration does not require Static IP address
- Event Log 1000

GSM DIALLER

ESIM022

2 USERS, 2 INPUTS, 1 OUTPUT

SIMPLE AND EFFICIENT

1 CALL INSTALLATION

Often just one visit to the site costs more than ESIM022 itself. Get the site status, trigger an output, and be notified about a failure. Be creative with your needs! Small, simple and reliable remote control to do the job right.

FEATURES

- 2 authorised users
- Calls or SMS
- Built in temperature sensor
- Covert listening
- Wall mount plastic enclosure
- Notification of system events, such as arming/disarming, alarm/restore from NON-GSM alarm system
- Configuration via SMS or USB (ELDES Config Tool)

TECHNICAL SPECIFICATIONS

- GSM communicator: **900/1800MHz**
- GSM antenna: **built in**
- Output: open collector: **200mA 30V**
- Dimensions: **96x59x34 mm**
- Operating temperature range: **-20...+55°C**
- **Microphone** connector

MORE

- Optional backup battery 9 V 250 mAh Ni-Mh 6F22, up to 12hours.
- Optional microphone
- External temperature sensor connection: Maxim, Dallas DS18S20, DS18B20
- Event log 1000
- Any electric appliance switching

BATTERY POWERED FULLY AUTONOMOUS

GSM DIALLER/CONTROL PANEL

ESIM4

2+ YEARS BATTERY TIME.

SCHEDULED OR TRIGGERED WAKE UP.

POWERFUL SCENARIOS

FEATURES

- 10 authorized users
- Up to 8 temperature sensor's connection
- Micro vibration sensor onboard
- Covert listening
- Scheduled system operation
- Configuration SMS or USB

TECHNICAL SPECIFICATIONS

- GSM communicator: **900/1800 MHz**
- Battery: **4 AA 1,5V, up to 3 years**
- **2** inputs (4 in ATZ mode)
- **1** open collector 200mA 30V output
- **1** aux terminal
- **8** temperature sensors supported
- Microphone connector: **Yes**
- Antenna: **External, SMA type**
- Dimensions: **115x90x56mm**
- Operating temperature range: **-20...+50 °C**

MORE

- Suitable in areas without a 230V power supply
- Switching one electrical appliance ON/OFF
- Supports any analog 4-20mA sensor

GSM REMOTE MATRIX RELAY

ESIM252

INTELLIGENT MATRIX ROUTING

5 USERS **POWERFUL**
INPUTS **SCHEDULERS**
2 RELAY OUTPUTS

4,294,967,295
IMPULSES TO COUNT

Standalone or supplemental control panel. Create distinct scenarios for each input, output, or command you send. Sent directly to you or an alarm receiving center.

FEATURES

- Pulse counter
- Covert listening
- 10 pre-recorded audio messages
- Informing a mobile phone about a triggered alarm
- Any electrical appliance switching
- Notification of failure
- Configuration via SMS, USB or Internet

TECHNICAL SPECIFICATIONS

- GSM/GPRS communicator: **850/900/1800/1900 MHz**
- **5** inputs
- **5** authorized users
- **2** relay outputs
- Protocols: **Contact ID, Kronos, Eldes**
- Power supply voltage: **10-24V AC/DC**
- Dimensions: **82x63x20 mm**
- Operating temperature range: -**20...+55°C**

MORE

- Event log 1000
- Microphone connector
- Matrix routine allows to inform every user about different event in different way: SMS, Call or Voice message

I/O ETHERNET CONTROLLER

ELAN3-SNMP

4 INPUTS 1 OUTPUT

OR

3 INPUTS 2 OUTPUT

BUILT-IN WEB SERVER SNMP

When you need a superior price to performance ratio, ELAN3-SNMP can be applied to: process/building automation control, elevator or power transmission systems, server rooms, you name it! You can benefit from using this simple yet reliable device.

FEATURES

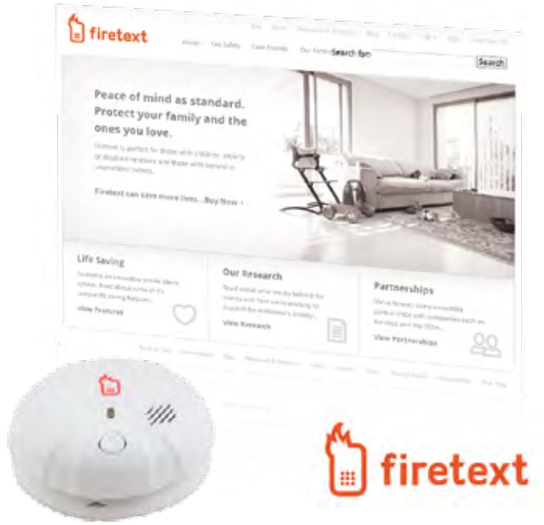
- SNMP - Simple Network Management Protocol
- Easy web configuration – built-in WEB server
- Ethernet connection

TECHNICAL SPECIFICATIONS

- **3 or 4 inputs** (2 or 1 output)
- Inputs: **digital or analog.**
- **10/100 BaseT** Ethernet port
- **Up to 8** temperature sensors
- Power supply voltage: **10-24V AC/DC**
- **2** Status LEDs
- GET/TRAP
- SNMP Protocol version: **2**

MORE

- 0-10V analog sensors: pressure, weather, noise, proximity
- Any wired PIR, shock, door, perimeter or other sensor



SMOKE DETECTOR WITH
AN INTEGRATED GSM MODULE

FIRETEXT

Firetext is a battery powered SMS Smoke Alarm. In case of an alarm, it sends a text message to up to 4 recipients.

GSM SECURITY SYSTEM
WITH A FOG CANNON

ZOLO

ZOLO is the first GSM alarm system which can control a fog cannon wirelessly.

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.

CONNECTED
PROTECTED
COMFORT

LET’S NETWORK

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