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 employees
- 70+: 70+ employees
- Lithuania office
- 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
- "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
About Eldes
Pitbull-Alarm
Standalone GSM Alarm EPIR
Eldes Cloud Services
Wireless Sensors
Wireless Interfaces
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
**ENTRY**

- MAIN MOTION
- WINDOW/DOOR SENSOR
- KEYFOB

**COMPACT**

- MAIN MOTION
- MOTION SENSOR
- WINDOW/DOOR SENSOR
- KEYPAD

**STANDARD**

- MAIN MOTION
- MOTION SENSOR
- KEYPAD
- SIREN

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**HOME OWNER**

- SMS
- Voice call
- Monitor: statistics, events, faults
- Control: arming, disarming, inputs

**SECURITY COMPANY**

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

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**APP (iOS, Android)**

- Monitor: statistics, events, faults
- Control: arming, disarming, inputs

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**ENTRY**

- Wireless PIR sensor EWP2
- Wireless Indoor siren EWS3
- Wireless keypad EKB3W

**COMPACT**

- Wireless PIR sensor EWP2
- Wireless Indoor siren EWS3
- Wireless keypad EKB3W

**STANDARD**

- Wireless PIR sensor EWP2
- Wireless Indoor siren EWS3
- Wireless keypad EKB3W

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**868/915 MHz wireless**

**Mobile networks**
Any security breach will be alerted directly to the owner, or be reported to the monitoring station, using their standard protocols.
**ELDES 868/915MHz 2-WAY COMMUNICATION**

**WIRELESS SENSORS**

FOR ESIM364 AND EPIR3

- **EWD2**
  - Magnetic door contact/shock/flood (EFS1) sensor
  - Dimensions: 101x22x20 mm
  - Magnet dimensions: 47x7x10 mm
  - One wired zone
  - Battery type: 1,5V Alkaline AAAA type

- **EWP2**
  - Pet immune wireless PIR sensor
  - View 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

- **EWK2**
  - Wireless keyfoob
  - Dimensions: 53x37x10 mm
  - Panic button
  - Battery type: CR2032 Lithium

- **EWK2A**
  - Wireless keyfoob
  - Dimensions: 53x37x10 mm
  - Panic button
  - Battery type: CR2032 Lithium

**ELDES 868/915MHz 2-WAY COMMUNICATION**

**WIRELESS INTERFACES**

FOR ESIM364 AND EPIR3

- **EKB3W**
  - Wireless keypad
  - Dimensions: 140x100x18 mm
  - Battery type: 1,5V Alkaline AAA

**BATTERY TIME:**

~12-18 Months

**OPERATING TEMPERATURES:**

-20.. + 50°C

**UP TO:**

100 m
ELDES 868/915MHz 2-WAY COMMUNICATION
WIRELESS SIRENS
FOR ESIM364 AND EPIR3

**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

**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

BATTERY TIME: ~18 MONTHS
OPERATING TEMPERATURES: -20...+55°C
**ELDES PRODUCT CATALOG**

**GSM Remote Control & Alarm Systems**

**ESIM364 infografika**

- **Wireless**
- **Mobile networks**
- **PSTN**
- **Cable**

**APP (iOS, Android)**

- **Mobile**
- **data**

**HOME OWNER**

- **Monitor:** statistics, events, faults
- **Control:** arm/disarm, on/off outputs

**ELDES CLOUD SERVICES**

- **GSM**
- **Contact ID**

**SECURITY COMPANY**

- **PSTN**
- **Contact ID**
- **LAN**
- **SIA IP, KRONOS, ELDES protocols**

**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

**Wireless smoke detector EWF1**

**Wireless power socket EWM1**

**Wireless outdoor siren EWS2**

**Wireless signal repeater EWR2**

**Wireless PIR sensor EWP2**

**Wireless indoor siren EWS3**

**Wireless shock sensor EWD2**

**Touch sensitive keypad EKB2**

**Wireless magnetic door contact EWD2**

**Wireless keypad EWK2**

**Wireless keypad EKB3W**

**Alarm ELAN3-ALARM**

**Gas leak sensor EWD1**

**Any wired zones transmitted to control panel**

**Wireless keypad EWK2**

**Arm, Disarm**

**Wireless magnetic door contact EWD2**

**Wireless keypad EWK2**

**Arm, Disarm, switch on/off**
ESIM364
HYBRID
GSM CONTROL PANEL
76 ZONES
ALARM MONITOR CONTROL

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

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 antenna: 2, external
- Dimensions: 140x100x18 mm
- Operating temperatures: -20...+50°C
- 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 (DS18B20, DS18B20i)
- 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 panels

**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 Ohm
  - 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 DS18B20 (-55°C to +125°C)
- Compatible with ESIM264/364 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

**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

**ME1**
- METAL ENCLOSURE FOR ESIM264/ESIM364
- Transformer included
- Transformer type TS2218 40/002M/3
- Fuse 1A
- Tamper switch

**ED1**
- PLASTIC ENCLOSURE
  - Enclosure for easy installation of iButton reader
  - Built-in buzzer
  - Temperature Sensor DS18B20 (-55°C to +125°C)
  - Compatible with ESIM264/364 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

**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

**ME1**
- METAL ENCLOSURE FOR ESIM264/ESIM364
  - Transformer included
  - Transformer type TS2218 40/002M/3
  - Fuse 1A
  - Tamper switch
GSM/GPRS COMMUNICATOR

**ETO82**

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 ETO82 or ESIM364

**Features**
- Supports ESIM364 and ETO82
- 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!
ELDES PRODUCT CATALOG | ELDES PROFESSIONAL TOOLS

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

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

RECEIVING CENTER SOLUTIONS
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!
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
- Event Log 1000

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 model)
- 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 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
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.