eldes ®

ESIM320
remote 2G/3G controller

Monitor, open, operate doors, gates, barriers using call, text or apps

ELDES gate controller was specifically designed to operate barriers and garage doors. ESIM320 has 3 inputs to monitor the state and 2 relay outputs to control the appliances, using SMS, Call, mobile APP or widget. ESIM320 will provide device, input status, using SMS or call. Includes scheduler, event counter and remote user database management using ELDES configuration tool, SMS message or ELDES Cloud. With ELDES Cloud functionality you can set up your client database online,

which makes it valuable for small business use.

Most popular ELDES gate controller application – entrance barriers and garage doors. First, user database has to be sent to the device (locally or remotely). Authorized users then can trigger relays' output, using call, text or mobile applications. If user mobile number is recognized in the database, relay is being triggered.

★ WHERE GATE CONTROLLER CAN BE USED?

Parking entrance control

Gate control of private areas

Electrical appliance control: lighting, watering, pumps, etc

Remote server, network reboot.

✚ MAIN FEATURES

- Manual output control by free of charge phone call. Automatic output control in accordance with the scheduled time.

- Configurable output pulse duration and automatic date and time synchronization.

- Up to 5 administrators for system configuration by SMS text messages, acceptance of input alarm SMS text messages, output control by SMS text message and free of charge phone call.

- Internal user database capacity – up to 2000 users for output control by free of charge phone call.

- User phone number validity limitation in accordance with a set deadline (date/time) or number of rings to the system.

- Output control restriction for users in accordance with the specified weekdays and time.

- Event log of 1000 events containing date and time as well as administrator/user phone number and user name who controlled the output.

- 3 inputs with customizable alarm texts for notification on gate state or in case it gets jammed.

- Periodic self-test notification by SMS text message to administrator phone number.

⚙ GATE CONTROLLER CAN BE ACQUIRED WITH:

EBOX
Dimensions: 30x100x82mm
Package: 60g

IP66
Dimensions: 50×175×115mm
Package: 170g

DINRAIL
Dimensions: 60x90x70mm
Package: 47g

⚙ SPECIFICATIONS

Users database	up to 2000
Event LOG	up to 1000 events
Administrators	up to 5
Supply voltage	10-24V 50Hz ~ 200mA max / 10-24V 200mA max
Current used in idle state	up to 50mA
Modem frequency	2G 850/190 Mhz, 3G 850/1900 Mhz
Modem model	U-blox SARA-U260
Number of outputs	2
Output type	Relay; NO (normally-open) or NC (normally-closed) - configurable
Maximum commuting output values	24V 50Hz ~ 0,5A / 24V 1A
Number of low-level (negative) inputs	2
Number of high-level (positive) inputs	1
Low-level (negative) input value range	0... 16V -0.8... -0.4mA
High-level (positive) input value range	5... 50V 0.17 .... 1.7mA
Low-level (negative) and high-level (positive) input connection type	NO (normally-open)
Dimensions	87x107x29mm (3.43x4.21x1.14in)
Weight (PCB board only)	103g
Weight (packed in carton box)	207g
Operating temperature range	-20...+55 ˚C (-30...+55 ˚C with limitations) (-4... +131˚F (-22... +131˚F))
Product warranty	2 years

⚙ ABOUT ELDES

Eldes is the manufacturer of wireless GSM alarm and security products, founded in 2005 and based in Vilnius, Lithuania.

All security products are being certified with EN50131. ELDES is an ISO9001 company, and we also work hard to learn Design thinking, Good manufacturing practices, LEAN, Agile concepts and tools.

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Certifications

CE 1383   ANATEL   FC   (RCM)