

GSM UNIT LT2



Version 2014



Version 2015

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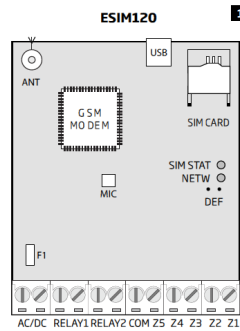
Technical specifications

- GSM/GPRS communicator:
850/900/1800/1900MHz
- Max. 500 users
- Drop/Clip: no cost when user calls
- 3 configuration modes: SMS, USB or using Internet
- 5 Administrators
- 3 inputs
- Notification by text-message f.ex. with gate malfunction
- 8 time schedules (USB / Internet)
- Until 1.000 transaction logs
- Operating temp. range: - 20° C + 55° C

GSM UNIT LT2

Technical specifications

- **EXIT GSM UNIT LT1 : with 1 relay (=> ESIM 110)**
- GSM UNIT LT2 : with 2 relays (=> ESIM 120)
- Output type relay: NO – adjustable from 1 – 10 seconds
- Dimensions (2014): 70 x 85 x 57mm
- Supply voltage: 12/24V AC/DC – 0,2A
- Standby current: max 0,05A



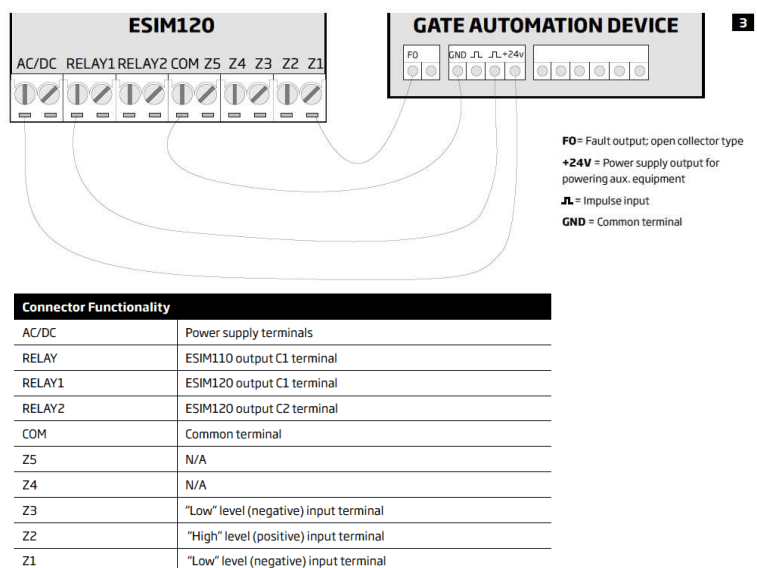
Main Unit Functionality

ANT	GSM antenna SMA type connector
USB	Mini USB port
SIM CARD	SIM card slot / holder
GSM MODEM	GSM network 850/900/1800/1900 MHz modem
MIC	N/A
SIM STAT	Red light-emitting diode indicating SIM card status
NETW	Green light-emitting diode indicating GSM signal strength
DEF	Pins for restoring default settings
F1	0.5A fuse

Connector Functionality

AC/DC	Power supply terminals
RELAY	ESIM110 output C1 terminal
RELAY1	ESIM120 output C1 terminal
RELAY2	ESIM120 output C2 terminal
COM	Common terminal
Z5	N/A
Z4	N/A
Z3	"Low" level (negative) input terminal
Z2	"High" level (positive) input terminal
Z1	"Low" level (negative) input terminal

Example of ESIM120 system wiring to gate automation device



SIM-card



It is advised to have a monthly tariff with +/- 50MB data/month & SMS – best NOT to use prepaid-SIM card (the system would fail to send any messages or ring upon depletion of balance)

It is highly recommended to choose the same GSM provider both for users and for the GSM-Unit in order to assure fast and reliable SMS message delivery and phone call connection.

!! Before use: Disable PIN code + disable voicemail + disable call forwarding

!! Attention: the system is NOT compatible with pure 3G Sim cards. Only 2G SIM cards and 3G SIM cards with GPRS profile are supported.

Programming

3 different configuration modes: SMS – USB – Internet (Cloud).

1. SMS – for fast programming

- ✓ Change SMS-password (0000_PSW_xxxx)
- ✓ Enter (max.) 5 Administrator-mobile numbers
- ✓ Enter (max.) 500 User-mobile numbers (10 numbers/SMS)
- ✓ Ready for use!

2. Software “ELDES Configuration Tool” – for local, advanced programming (free download - www.eldes.it)

- ✓ Connect the GSM Unit to the PC with mini-USB cable
- ✓ Start software – choose *Connect via USB*
- ✓ Demo software

Programming

3. Internet – Cloudservice ELDES + Smartphone

- ✓ Before starting:
 - Activate GPRS on the SIM-card by mobile provider +
 - Ask APN name (f.ex. Proximus = internet.proximus.be) +
 - Save 1 Administrator mobile number (software) +
 - Request Smart Security ID (software)
- ✓ <https://security.eldes.it> – make a New Account
- ✓ Add Device
- ✓ Demo



Users

Activation by call & by App

- ✓ Call with drop/clip fonction: free of charge
- ✓ App "Eldes Smartgate" is available for Android or IOS - Configuration by software:
 - Administrator software : ENABLE Mobile App Access - can be defined by individual user
 - Automatic creation of user-login and -password

