

## GSM Communicator G16T

**Communicator G16T is intended to upgrade any intruder alarm panel with telephone line communicator (TLC) for event signalling via cellular network.**

**Communicator transmits full event information to Alarm Receiving Centre.**

**Customers are informed about security system events in Protegus apps or with SMS messages. They can Arm/Disarm the alarm system remotely via panel's keyswitch zone.**

### Connection

- Connection to control panels via:
  - TLC terminal connection

### Communications

- Communication modes:
  - GPRS or 3G
  - SMS
- Two main communication channels working simultaneously
- Each channel has a separate back-up channel
- Connection control with ARC
- Simultaneous event reporting to Protegus Mobile/Web application, allowing user to remotely monitor and control its alarm system
- Event messages are transmitted in Contact ID codes
- Event reporting via SMS messages to four different users in user friendly SMS messages



### Configuration

- Quick and easy installation
- Remote configuration and firmware updates
- Two access levels for setting of operating parameters

### Inputs and outputs

- 2 Outputs controlled via:
  - Mobile/Web application
  - SMS
- 1 Input, type: NC, NO

### Specifications

Parameter	Description
GSM modem frequencies	850 / 900 / 1800 / 1900 MHz
UTMS modem frequencies	800 / 850 / 900 / 1900 / 2100 MHz
Power supply	10-18 VDC
Current consumption	60-100 mA (on standby) Up to 250 mA (while sending data)
Transmission protocols	TRK, DC-09_2007, DC-09_2012
Message encryption	AES 128
Memory	Up to 60 messages
Inputs	1, NC/NO type
Output	2 x OC type, commutating up to 1A DC, 30 V max
Operating environment	Temperature from -10 °C to 50 °C, relative humidity – up to 80% at +20 °C
Communicator dimensions	65 x 77 x 25 mm

