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 (ARC).
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.

Features

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
- 1 selectable type input, type: NC, NO, NC with EOL, NO with EOL, NC with DEOL, NO with DEOL.
- 2 Outputs controlled via:
  - Mobile/Web application or
  - SMS

Technical Parameters

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, selectable type: NC, NO, NC with EOL, NO with EOL, NC with DEOL, NO with DEOL.
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