

# G16T



## CELULAR COMMUNICATOR

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### Universal

Connects to any alarm panel which has a landline dialer. Supports full transmission Contact ID, SIA or 4+2 event information to security company's monitoring station.



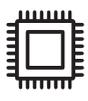
### Supervised connection

Polling of the connection as often as 30 seconds.



### Works with Protegus app

Users can arm/disarm their alarm system remotely and receive notifications about events.



### 4G

Can be ordered with 4G (CatM1 - Narrowband) cellular modems.



### Grade 4 Certified

Certified to the highest EN50131 Grade 4 security rating.

### Sends events to monitoring station receiver:

- Sends events to TRIKDIS software or hardware receivers that work with any monitoring software.
- Can send event messages to SIA DC-09 receivers.
- Connection supervision by polling to IP receiver every 30 seconds (or by user defined period).
- Backup channel, that will be used if connection with the primary channel is lost.
- Events can be reported to CMS with SMS messages. SMS will be sent even if data connection stops working in the mobile operator network.
- With parallel communication channels, events can be sent to two receivers at same time.
- When Protegus service is enabled, events are first delivered to CMS, and only then are sent to app users.

### Works with Protegus app:

- “Push” and special sound notifications informing about events.
- Remote system Arm/Disarm.
- Remote control of connected devices (lights, gates, ventilation systems, heating, sprinklers, etc.).
- Remote temperature monitoring (with iO or iO-WL expanders).
- Different user rights for administrator, installer and user.

### Notifies users:

- Users can be notified about events not only with Protegus app, but also with SMS messages and a call.

### Controllable outputs and inputs:

- 1 output, controlled via:
  - Protegus app.
  - SMS message.
- 2 inputs, selectable type: NC; NO; NC/EOL; NO/EOL; NC/DEOL; NO/DEOL.
- Add additional inputs and controllable outputs with wired and wireless iO expanders.

### Quick setup:

- Settings can be saved to file and quickly written to other communicators.
- Two access levels for configuring the device for CMS administrator and for installer.
- Remote configuration and firmware updates.

Connects to panel	Landline dialer (TIP RING contacts)
Dual purpose terminals [IN/OUT]	3, can be set as either NC; NO; NC/EOL; NO/EOL; NC/DEOL; NO/DEOL (10 kΩ) type inputs or open collector (OC) type outputs with current up to 0,15 A, 30 VDC max. Expandable with iO-8 expanders.
2G modem frequencies	850 / 900 / 1800 /1900 MHz
3G modem frequencies	800 / 850 / 900 / 1900 / 2100 MHz
4G modem frequencies	Depends on region: <b>LTE FDD:</b> B1/B2/B3/B4/B5/B8/B12/B13B18/B19/B20/B25/B28 <b>LTE TDD:</b> B39 (only Cat M1) <b>Cat M1/Cat NB1:</b> B1/B2/B3/B4/B5/B8/B12/B13B18/B19/B20/B25/B28
Power supply voltage	10-18 V DC
Current consumption	60-100 mA (on standby) Up to 250 mA (while sending data)
Transmission protocols	TRK, DC-09_2007, DC-09_2012, TL150
Message encryption	AES 128
Changing settings	With TrikdisConfig computer program remotely or locally via USB Mini-B port Remotely with SMS messages
Operating environment	Temperature from -10 °C to 50 °C, relative humidity - up to 80% at +20 °C
Communicator dimensions	92 x 65 x 26 mm
Weight	80 g