

# 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.



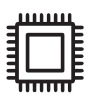
#### Supervised connection

Polling of the connection as often as 30 seconds.



#### Works with Protegus 2 app

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



#### 5G ready

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 2 service is enabled, events are first delivered to CMS, and only then are sent to app users.

### **Works with Protegus 2 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.).
- Different user rights for administrator, installer and user.

### **Notifies users:**

- Users can be notified about events not only with Protegus 2 app, but also with SMS messages and a call.

### **Controllable outputs and inputs:**

- 3 I/O, selectable type: NC; NO; NC/EOL; NO/EOL; NC/DEOL; NO/DEOL.
- Add additional inputs and controllable outputs with iO-8 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.
LTE FDD	B1/B2/B3/B4/B5/B8/B12/B13B18/B19/B20/B25/B28
LTE TDD	B39 (only Cat M1)
Cat M1/Cat NB1	B1/B2/B3/B4/B5/B8/B12/B13B18/B19/B20/B25/B28
GSM	850 / 900 / 1800 /1900 MHz
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 TrikdirConfig 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 62 x 26 mm
Weight	80 g