

# ARE YOU READY FOR THE 3G NETWORK SHUTDOWN?



communicationservicesolutions



## CSS TRIKDIS LTE Communicator

TRIKDIS, the most cost effective, flexible and simple cellular communicator for any alarm panel

## Free Customizable APP<sup>®</sup>

Private label for Alarm company logo and multilingual



### PANEL INTEGRATION

Connects to supported panel's serial or keypad bus. This allows the communicator to read and retransmit panel events in less than 1 second.



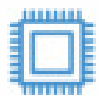
### SUPERVISED CONNECTION

Polling of the connection as often as 30 seconds.



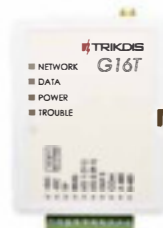
### WORKS WITH PROTEGUS APP

Users can control their alarm system remotely and receive notifications about events.



### G16 LTE communicator Connects

to supported DSC, Honeywell, Paradox, UTC Interlogix (Caddx) panels via serial or keypad bus and G16T Universal TIP and RING LTE Communicator version that can be connected to control panel's landline dialer with 2 or 4 wires.



Removable terminal blocks for quick and easy installation



## Connects to panel's serial or keypad bus.

### Sends events to monitoring station receiver:

- Sends events to TRIKDIS software or hardware receivers that work with any monitoring software.
- Can send event messages directly to SUR-GARD and SIA DC-09 receivers.
- Connection supervision by polling to IP receiver as often as every 30 seconds (10-Minute Default).
- 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.
- 3 inputs, can be set as either NC; NO; NC/EOL; NO/EOL; NC/DEOL; NO/DEOL (2,2 kΩ) type inputs or open collector (OC) type outputs with current up to 0,15 A, 30 VDC max. Expandable with iO series expanders.
- 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.
- Two access levels for configuring the device for CMS administrator and for installer.
- Remote configuration and firmware updates.

### Optional:

- W485 WiFi for dual path connectivity.

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## Specifications:

Connects to panel	Serial or keypad bus, G16T connects to any alarm panel via Tip and Ring (Dial Capture, Keyswitch and/or Output).
Inputs	3, can be set as either NC; NO; NC/EOL; NO/EOL; NC/DEOL; NO/DEOL (2,2 kΩ) type inputs or open collector (OC) type outputs with current up to 0,15 A, 30 VDC max. Expandable with iO series expanders.
Output	2, OC type output, up to 0,15 A, 30 V max
LTE Cat M1	LTE FDD - B1/B2/B3/B4/B5 /B8/B12/B13/B18/B19/B20/B25/B28 LTE TDD - B39 EGPRS - 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, SUR-GARD TL150
Message encryption	AES 128
Changing settings	With TrikdisConfig computer program remotely or locally via USB Mini-B port and/or Remotely via 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

## Supported intrusion alarm panels:

Manufacturer	Model
DSC®	PC585, PC1404, PC1565, PC1616, PC1832, PC1864, C5015, PC5020
	SPECTRA SP4000, SP5500, SP6000, SP7000, SP65
	MAGELLAN MG5000, MG5050, MG5050E
PARADOX®	DIGIPLEX EVO48, EVO192, EVOHD, NE96, EVO96
	SPECTRA 1727, 1728, 1738
	ESPRIT E55, 728ULT, 738ULT
UTC Interlogix®	NetworX (Caddx) NX-4v2, NX-6v2, NX-8v2, NX-8e
Honeywell®	Ademco Vista-15, Ademco Vista-20, Ademco Vista-48