CELLULAR COMMUNICATOR

G16

DSC

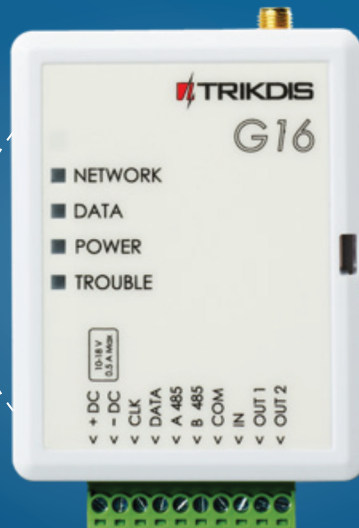PARADOX

HONEYWELL

INTERLOGIX

TEXECOM

PYRONIX

INNER RANGE

TRIKDIS

G16

- NETWORK
- DATA
- POWER
- TROUBLE

10-18 V
0.5 A Max

+ DC − DC CLK DATA A 485 B 485 COM IN OUT 1 OUT 2

SECURITY COMPANY

MOBILE PHONE

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.
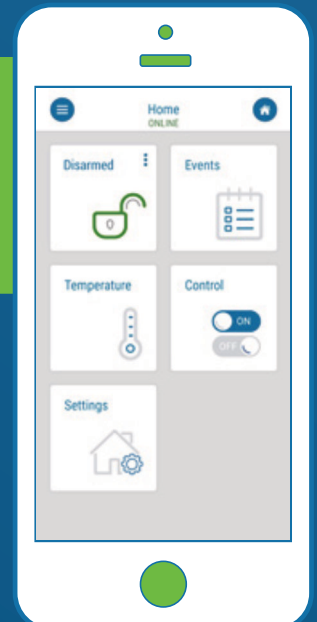
2G, 3G or 4G
Can be ordered with 2G, 3G or 4G cellular modems.

CERTIFIED
Certified to the highest EN50131 Grade 4 security rating.

The communicator works **with the Protegus app. It's free.**

protegus
intelligent security & control system

Home
ONLINE

Disarmed

Events

Temperature

Control
ON
OFF

Settings

TRIKDIS

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 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.
- 1 input, 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.

SUPPORTED INTRUSION ALARM PANELS:

DSC	PC585, PC1404, PC1565, PC1616, PC1832, PC1864, PC5015, PC5020
PARADOX	SPECTRA SP4000, SP5500, SP6000, SP7000, SP65 MAGELLAN MG5000, MG5050 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
Texecom	Premier 24, 48, 88, 168 Premier Elite 12, 24, 48, 64, 88, 168
Pyronix	MATRIX 424, MATRIX 832, MATRIX 832+, MATRIX 6, MATRIX 816
Innerrange	Inception
Honeywell	Ademco Vista-15, Ademco Vista-20, Ademco Vista-48
Crow	Runner 4/8, 8/16

Underlined - remote Arm/Disarm via Serial bus.

TECHNICAL PARAMETERS:

Connects to panel	Serial or keypad bus
Inputs	1 selectable type inputs, NC; NO; NC/EOL; NO/EOL; NC/DEOL; NO/DEOL
Output	2, OC type output, up to 0,15 A, 30 V max
2G modem frequencies	850 / 900 / 1800 / 1900 MHz
3G modem frequencies	800 / 850 / 900 / 1900 / 2100 MHz
4G modem frequencies	Depends on region
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
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

Expandable with iO series expanders