TRIKDIS

CELLULAR COMMUNICATORS COMPARISON

GRADE 4 Environmental Class II

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VS

G16
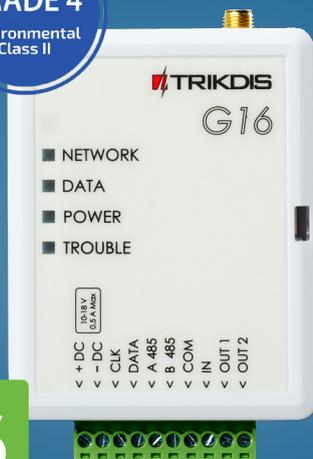
G16T

Directly connects to supported **DSC, Paradox, UTC Interlogix, Innerrange, Texecom and Pyronix** alarm panels via serial or keypad bus.

Connects to any alarm panel, which has a landline dialer (TIP RING contacts).

ADVANTAGES AND CONSIDERATIONS:

G16 direct serial connection to the panel is much faster. G16 receives and retransmits panel events in less than 1 second.

With Protegus app, G16 can Arm/Disarm the alarm system using keypad user's code, and bypass zones when necessary.

G16 can only work with the supported panels.

Landline interface is slower than serial bus. G16T receives and retransmits panel events in 20-25 seconds.

With Protegus app, G16T can Arm/Disarm the alarm system using panel's zone set to keyswitch mode.

G16T is universal and can work with any alarm panel that has a landline dialer.

CHOOSE THIS COMMUNICATOR IF:

You are working with the panels that the G16 communicator supports.

You are working with other panels that have a landline dialer.

BOTH COMMUNICATORS:

CAN BE ORDERED WITH 2G, 3G OR 4G CELLULAR MODEMS.

SEND EVENTS TO THE MONITORING STATION:

- Simultaneously transmits full event information to Central Monitoring Station and works with Protegus app. Priority is for transmitting events to the CMS.
- Sends event information to TRIKDIS software or hardware receivers that work with any monitoring software.
- Can send event information to any receiver that supports SIA DC-09 protocol.
- First and second communication channels can operate simultaneously and send information to two receivers at same time.
- Back-up channel that will be used if the connection with primary channel is lost.
- Event reporting via SMS messages if data connection is lost.
- Users can be informed about the events also with SMS messages and phone calls.

CERTIFIED TO THE HIGHEST EN50131 GRADE 4 SECURITY RATING.

WORK WITH PROTEGUS APP:

- "Push" and special sound notifications informing about events.
- Remote Arm/Disarm feature.
- Control of connected devices (light, gates, ventilation systems, heating, sprinklers, etc.).
- Temperature monitoring (with iO or iO-WL expanders).
- Different user rights for administrator, installer and guest user.

INPUTS AND OUTPUTS:

- Remotely controllable outputs (with Protegus app or SMS)
- Selectable type inputs
- You can add more inputs and controllable outputs with wired and wireless iO expanders.

SIMPLE TO INSTALL:

- Remote configuration and firmware updates.
- Two access levels for configuring the device.
- Settings can be saved into file and quickly written into multiple communicators.

SUPPORTED INTRUSION ALARM PANELS:

DSC PC585, PC1404, PC1565, PC1616, PC1832, PC1864, PC5015, PC5020

PARADOX SPECTRA SP4000, SP5500, SP6000, SP7000, MAGELLAN MG5000, MG5050, DIGIPLEX EVO192

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

Any alarm panel that has a landline dialer (TIP RING contacts) and supports Contact ID protocol.

TECHNICAL PARAMETERS:

	G16	G16T
Number of inputs	1	2
Input type	Selectable type input: NC, NO, NC with EOL, NO with EOL, NC with DEOL, NO with DEOL	
Number of outputs	2	1
Output type	OC type, commutating up to 0,15 A, 30 VDC 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	
Memory	Up to 60 messages	
Parameter configuration	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	65 x 77 x 25 mm	
Weight	80 g	

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