GSM communicator G16

Communicator G16 is intended to upgrade compatible intruder alarm panels for event signaling via cellular network.

Communicator transmits full event information to Alarm Receiving Centre.

Customers are informed about security system events in Protegus apps or with SMS messages. They can Arm/Disarm the alarm system remotely (via panel's keyswitch zone or directly via Serial port for Paradox, UTC Interlogix, Pyronix and Texecom panels).

Features

Connection
- Connection to control panels via:
  - Keypad data bus; or
  - Serial port

Communications
- Two main communication channels working simultaneously
- Each channel has a separate back-up channel
- Connection control with ARC
- Simultaneous event reporting to Protegus Mobile/Web application, allowing user to remotely monitor and control its alarm system
- Event messages are transmitted in Contact ID codes
- Event reporting via SMS messages to four different users in user-friendly SMS messages
- Remote Arm/Disarm feature with Paradox, Texecom and UTC Interlogix

Configuration
- Quick and easy installation
- Remote configuration and firmaware updates
- Two access levels for setting of operating parameters

Inputs and outputs
- 1 selectable type input: NC, NO, NC with EOL, NO with EOL, NC with DEOL, NO with DEOL.
- 2 Outputs controlled via:
  - Mobile/Web application or
  - SMS

Technical Parameters

GSM modem frequencies	850 / 900 / 1800 / 1900 MHz
UTMS modem frequencies	800 / 850 / 900 / 1900 / 2100 MHz
Power supply	DC 10-18V
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
Inputs	1 selectable type input: NC, NO, NC with EOL, NO with EOL, NC with DEOL, NO with DEOL
Output	2 x OC type, commutating up to 0,15 A DC, 30 V max
Parameter configuration	Locally via USB port or remotely
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

List of Compatible Control Panels

DSC®	PC1404, PC1565, PC5020, PC1616, PC1832, PC1864
PARADOX® UTC Interlogix®	SPECTRA SP4000, SP5500, SP6000, SP7000
	MAGELLAN MG5000, MG5050
	DIGIPLEX EVO192
	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
DSC®	PC1404, PC1565, PC5020, PC1616, PC1832, PC1864