

E16



ETHERNET COMMUNICATOR

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Full event information

Communicator transmits full event information to the Central Monitoring Station.



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.



Stable connection

Ethernet connection delivers a consistently solid connection, lower latency. Ethernet is more reliable in terms of interference.



Works with Protegus app

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

E16 is not just an Ethernet transmitter that sends messages to compatible security systems. It also transmits the command received over the internet to the system to arm/disarm protection mode.

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.
- Frequent connection checks/control in order to quickly detect connection loss.
- Backup channel, that will be used if connection with the primary channel is lost.
- 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 with Protegus app.

Controllable outputs and inputs:

- 3 double I/O terminals that can be set either as input (IN) or controllable output (OUT) terminals.
- Outputs controlled by the Protegus app.
- 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.

Specifications:

Dual purpose terminals [IN/OUT]	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.
Power supply voltage	10-18 V DC
Current consumption	100 mA (on standby) Up to 250 mA (while sending data)
Ethernet connection	IEEE802.3, 10 Base-T, RJ45 socket
Transmission protocols	TRK, DC-09_2007, DC 09_2012
Memory	Up to 60 messages
Changing settings	With TrikdisConfig computer program remotely or locally via USB Mini-B port
Operating environment	Temperature from -10 °C to 50 °C, relative humidity - up to 80% at +20 °C
Communicator dimensions	88 x 65 x 26 mm
Weight	80 g

Supported intrusion alarm panels:

Manufacturer	Model
DSC®	PC585 , PC1404, PC1565 , PC1616 , PC1832 , PC1864 , C5015, PC5020
PARADOX®	SPECTRA SP4000 , SP5500 , SP6000 , SP7000 , SP65 MAGELLAN MG5000 , MG5050 , MG5050E DIGIPLX 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-5 , Ademco Vista-20 , Ademco Vista-48
Crow®	Runner 4/8, 8/16

***Red – remote Arm/Disarm via Serial bus**

**** Communicator is compatible with other manufacturer control panels when connected with GSM communicators E16T**