Communicator for fire alarm control panels 🔥

The **DUALCOM SIA IP** communicator converts the contact input events to SIA IP format and sends to the alarm monitoring receiver through IP channel on mobile GPRS network. It can be used for any control panel which has contact outputs. The GPRS communicator that handles two GSM networks at the same time provides high degree of redundancy for effective reporting of the fire events.

Functions

Parallel reporting through two independent GSM networks

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Reporting up to 4 IP addresses, which means 2 primary IP adresses per network

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6 NO/NC/EOL contact inputs

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6 NO relay outputs

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Test report with configurable sending frequency for automatic checking of the transmission channel

Technical specification

Supply voltage:	9-30V DC
Nominal consumption:	70mA @ 12V DC, 40mA @ 24V DC
Maximal consumption:	400mA @ 12V DC, 200mA @ 24V DC
Operating temperature:	-20°C - +70°C
Transmission frequency:	GSM 900/1800 MHz
GSM phone type:	Simcom SIM900
Dimensions:	116 x 100 x 25mm
Weight:	280g

DUALCOM SIA IP communicator

The device communicates through the mobile service provider using private APN network

MOBILE SERVICE PROVIDER 1

MOBILE SERVICE PROVIDER 2

Direct 3G connection

Direct 3G connection

RS232 port

TELLMon receiver 1

TELLMon receiver 2

RS232 port

RS232 port

Monitoring station 1

Monitoring station 2

TMS

TMS

TMS alarm monitoring software

TMS alarm monitoring software