



PulsON Alarm 4G

motherboard



PulsON CP80 is the main board of the PulsON Alarm 4G hybrid alarm system, designed to protect small and medium-sized facilities - both houses and flats, as well as smaller public institutions. It provides protection in accordance with the Grade 2 requirements of the EN50131-1 standard. The board has 8 zones of lines with the possibility of extending the number of inputs to a maximum of 80 and 5 fully programmable outputs - including one implemented by means of a relay, which protects the system against possible attempts at sabotage. The control panel has two independent supervised AUX auxiliary power outputs with a capacity of 500mA each.

There is also a built-in 2G / 4G, Wi-Fi and IP module on the control panel board, enabling communication with the mobile application intended for the user, as well as with the monitoring station. The system is programmed via a standard USB-B connector or a keypad connected to the control panel.

The system based on the PulsON Alarm 4G control panel is distinguished by quick installation, trouble-free configuration and extremely intuitive operation. The control panel, apart from traditional methods of controlling the system, also offers control from the level of the PulsON Alarm mobile application and control via the clip function.

Main advantages:

- 8 zones of lines on the main board
- support for up to 80 zones
- additional tamper input
- 1 programmable relay output
- 4 programmable outputs, OC type
- support for up to 12 programmable outputs
- possibility of dividing the system into 8 independent ones apart from the partition
- each partition can be armed with one of the two modes (all-round and night)
- support for up to 8 keypads
- 100 user codes
- register of not less than 1000 events
- GSM 2G / 4G and IP communication modules integrated with the board
- EOL resistor value selection (1k, 1.1k, 2.2k, 2.7k, 3.3k, 3.74k, 4.7k, 5.6k, 6.8k, 6.98k, 10k)
- smartphone application for the system user
- communication protocol with ARC – Contact ID

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Technical Specifications

Control panel board	CP80
System type	Hybrid
On-board detection lines	8
Detection lines (maximum)	80
Partitions	8
Keyboards	8
Programmable outputs on board	5
Programmable outputs (maximum)	12
Built-in IP communicator	YES
Built-in Wi-Fi communicator	YES
Built-in GSM communicator	YES (2G/4G)
Event log capacity	Min. 1000 entries
Number of users	100
System control via a mobile application	YES
Controlling the outputs via CLIP	YES
Possibility of remote software upgrade	YES
Certificate according to the EN50131-1 standard	Grade 2
Power supply to the board	16-18 V AC 50-60 Hz
Power consumption	200 mA
Working temperature range	-10°C do +55°C
Humidity	Up to 93% without condensation
Battery required	Up to 18 Ah
Current efficiency of the board's power supply	2,5 A
Dimensions	190 × 92 mm
Weight	141 g