



## VIT01

### Wireless Fire Alarm Control Panel

#### Product Description

Wireless Fire Alarm Control Panel VIT 01 is designed for fire security, management and control of fire alarm devices. The usage of radio communication between the control panel and the fire detectors makes it suitable for installation into premises, where laying cables

is unwanted. The Control Panel is designed and produced by the requirements of EN 54-2/4 and EN 54-25.

#### The Control Panel operates together with:

- Automatic fire detectors VIT20, VIT30, VIT60.
- Manual call point VIT50.
- Router VIT02.

#### Basic functional characteristics:

- Setting up of the operating modes and parameters of fire detectors, communication controllers and outputs through a built-in keyboard.
- Control for removed fire detector from its base, battery status.
- Control over the level of radio signal of the devices.
- Option for changing parameters of the fire detectors.
- LCD display for visualization of the operating modes of the system.
- LED indication for signalization of emergency and extreme situations in the zones and within the whole system.
- Non-volatile archive memory, saving up to 4096 events, indicating the time and the type of the event, and allowing a perfect analysis of the actions of authorized personnel and the possible problems in the process of fire safety of the premise.
- User friendly test modes for all the system components, providing a total control over the condition of the protected premise.
- Test and choice of 16 different channels to establish radio connection.
- Automatic restoration in fault condition, after the reason, that caused the fault has been removed.
- Built-in serial interface RS232/RS485 for connection with personal computer or other external devices.
- Compatible to different ways of installation designs, within the range of the control panel's resources.



## Technical data

**Maximum number of devices/zones: 32/15**

### Radio network parameters

- Frequency: 2,4 GHz
- Maximum number of devices included in the network: 32
- Maximum number of routers included in the network: 6
- Maximum number of devices connected directly to the Control Panel: 20
- Maximum number of fire detectors connected to the router: 14
- Maximum number of retransmissions of messages through the router: 5

### Controllable outputs: 2 pcs

- Type: potential, relay
- Electrical features: (24±5)V DC/1 A

### Relay output for fire condition: 1 pc

- Type: potential-free, switching
- Electrical features: 3A/125V AC; 3A/30V DC

### Relay output for fault condition: 1 pc

- Type: potential-free, switching
- Electrical features: 3A/125V AC; 3A/30V DC

### Indication of the registered events: LED

- Light indication: crystal-liquid display
- Text messages: 4 lines, 20 characters per line, cyrillic, back-lit
- Sound: built-in sounder

### Mains supply

- Voltage: 220/230V
- Frequency: 50 Hz

### Backup (battery) supply

- Battery type: lead, gel electrolyte
- Number of the batteries: 2 pcs
- Connection: serial connection
- Nominal voltage of the connected back up batteries: 24V DC
- Nominal capacity C20: (1,2-4,5) Ah
- Terminal discharge voltage: 17,6V
- Charge voltage: 28V
- Consumption on the back up battery supply: <180mA at 24V



Overall dimensions: 313x218x85 mm

Weight (excluding the back up batteries) not more than: 1,440 kg

