

Changelog

v9.01

- Modified the telephone line state detection algorithm in order to make it less noise sensitive and improve compatibility with specific alarm systems (e. g. the newer Satel Integra);
- Added an automatic SIM card phone number detection. The phone numbers are displayed on the main web page;
- Added an option to send custom AT-commands to GSM modem via the firmware update web page;
- Modified the main web page slightly to make navigating easier;
- Fixed a few minor bugs.

v9.02

- Modified the existing algorithm of detecting UTF-8 encoding in the USSD messages in order to improve recognition of phone numbers inside the messages with Cyrillic script (for Ukrainian country code);
- Minor web interface fixes.

v9.03

- All pages of web interface are available in two languages (Ukrainian and English for now);
- Diagnostic console logs are now displayed using the selected language;
- Added a cellular network signal level bar to the main web page;
- The user's language can be chosen when logging in / programming the password;
- Fixed a few minor bugs.

v9.04

- Added a new page with the network settings to the web interface;
- Added a toggleable backup data transmission channel so that the events can reach the monitoring station via the programmed WiFi network (with internet access) even if the mobile network is down;
- Added a toggleable push notification feature. Requires the GMonitor application installed on a smartphone (and the device IMEI added there) to receive the notifications;
- Modified the WiFi LED indication to account the WiFi station mode and possible connectivity issues;
- Numerous tweaks to most of the existing features for compatibility with the new WiFi mode;
- Fixed a few minor bugs.

v9.05

- The telephone line state detection algorithm was modified further for more reliable operation during strong interference and supply voltage pulsations,

- occurring in some alarm systems;
- Increased the broken telephone line detector levels so that it is less sensitive to potential interference;
- Increased the broken telephone line reaction time for compatibility with Satel Integra alarm systems (with large number of zones);
- Fixed a few minor bugs.

v9.10

- Fundamental changes to program architecture in order to make all transmission channels equal and standalone;
- If any SIM card is out of order or blocked by an operator, the device remains operational as long as there is at least one transmission channel connected to the security station;
- WiFi is no longer a backup channel. Instead, if it is enabled in the settings and connection to the security station can be established via the internet, WiFi channel will have higher priority in order to increase reliability, speed and save mobile traffic;
- While the WiFi channel is active, the device checks connection to the security station via mobile data channels (1, 2) once every hour;
- A new automatic firmware update command (sent from the GMonitor mobile application or SMS), downloads the firmware from an HTTP-server via WiFi;
- Added new events 761, 762, 770;
- Event 315 has been moved and complemented with events for the other channels: 360 - 368;
- Event 318 for WiFi channel has been added to events 316-317. Also a new informative event 764 contains extra details;
- Added a new password change page to the web interface;
- Added several new device status messages for the GMonitor application;
- Numerous other minor changes for better compatibility with the new program architecture;
- Fixed many bugs.