



# Sky Control

- Инструкция по обновлению прошивки системы мониторинга
- Monitoring system firmware update instructions
- Firmware history





# Обновление ПО

## Инструкция по обновлению системы мониторинга Sky Control, используя USB-диск (флешку)

**Внимание!** Эта версия прошивки подходит для всех систем мониторинга Sky Control.

**Внимание!** При обновлении системы все настройки сбросятся в настройки по умолчанию. Настройки сети при этом установятся таким образом: IP=192.168.0.193, Netmask=255.255.255.0.

1. Скопируйте файл «sky-control-firmware.sky» в корень файловой системы (ФС) USB-диска (флешки), не изменяя имя файла. В корне ФС флешки должен быть только один файл с расширением \*.sky. Если в ФС флешки скопировано несколько файлов с расширением \*.sky, возможно, обновление не произойдёт.
2. Убедитесь, что система работает (индикатор PWR горит).
3. Отключите кабель Ethernet от системы мониторинга.
4. Подключите флешку в разъём USB системы мониторинга.
5. Дождитесь, пока загорится, а затем погаснет индикатор PRG (обновление прошивки займёт около двух минут).
6. Дождитесь, когда погаснет индикатор PWR.
7. Отключите флешку.
8. Отключите питание системы и снова включите (выполните перезагрузку системы).
9. Дождитесь загрузки системы (загорится индикатор PWR, а индикатор АСТ начнёт мигать).
10. Проверьте работоспособность системы. Перед тем, как открыть страницу веб-интерфейса (IP-адрес сбросится в адрес по умолчанию: 192.168.0.193), очистите кэш браузера.

Если при обновлении системы возникли какие-либо проблемы, перезагрузите систему и повторите действия 2—8.





# Firmware update

## How to upgrade Sky Control monitoring system software using an USB memory stick

**Important!** This firmware may be applied to any Sky Control monitoring system.

**Important!** When your monitoring system is updated, all system settings are set to defaults. Network settings are set to defaults too. New IP address is set to 192.168.0.193, new netmask is set to 225.225.225.0.

1. Copy the file "sky-control-firmware.sky" to the USB memory stick. Do not change the file name. Do not copy more than one file with extension \*.sky to the USB stick. Otherwise firmware update might not be done correctly.
2. Make sure that your monitoring system is on. PRG led should be on.
3. Unplug ethernet cable.
4. Plug the USB memory stick into the USB slot of the monitoring system.
5. Wait until upgrade process is done. This process usually lasts for 2 minutes. When upgrade process is done, the PWR led is switched off. Please do not unplug the memory stick while upgrade is in process.
6. Wait until system's PWR led is switched off.
7. Remove your USB memory stick from the monitoring system.
8. Reboot the monitoring system: disconnect power cable and connect it again.
9. Wait until the monitoring system is booted. PWR led should be on, ACT led should be flashing.
10. Check that your system works correctly. Before opening web-interface, clear web browser's cache. System's new IP address is 192.168.0.193.

If any problem has occurred after upgrading or upgrade has not been done properly, repeat steps 2—8.





# Firmware history

- **1.3.11**  
Added support for wireless sensors  
Syslog message format was changed to match modern Syslog protocol  
Changed language files  
Added feature: system name in the web interface  
Added feature: possibility to send SNMP traps when any sensor changes its state  
Added feature: log events when any sensor parameters are changed
- **1.3.10**  
Added possibility to send a command without line terminator in COM ports  
Added support for wireless sensors  
Solved: leds on the 5510.008 system don't correspond with the actual outlet number  
Solved: could not send command to COM port from simple web interface  
Solved: \r\n added as line terminator in COM ports tab
- **1.3.9**  
Solved: logic is not executed if a sensor changes its state quickly
- **1.3.8**  
Added support for wireless sensors  
Added feature: ip- and usb-cams thumbnails in the web interface  
Added feature: logic id, logic name, sensor id, sensor state fields in SNMP TRAPs  
Added feature: link to main page in html web-interface (Home tab)  
Solved: sending of SNMP TRAPs requires too much time  
Solved: access control logs are not shown in the log window  
Solved: could not add '-' sign in ip-camera server name  
Solved: file size of a map file is too small  
Solved: time stamps in log messages don't display seconds  
Solved: impossible to select first sensor in list while creating logic scheme
- **1.3.7**  
Solved: digital smoke sensors were in alarm state when connected to RS-modules
- **1.3.6**  
Added support for Syslog server  
Logging to remote FTP storage was added  
Added support for non-cyrillic UTF-8 multi-byte characters in sensor names  
Solved: system group name was not shown in the web-interface window title





# Firmware history

- 1.3.5  
It is possible to command a system via ICQ  
IP-cameras are added without any mistakes now  
A lot of changes in the user interface  
Language files are changed
- 1.3.4  
Outlets and readers are now mapped correctly: DI1->OUT1, DI2->OUT2  
SMS commands were added, it is possible to execute few commands remotely using SMS messages  
User interface was slightly changed
- 1.3.3  
Logic schemes are not displayed error resolved  
DC power sensor added  
GSM modem sensor added to modules view in the user interface  
IP cameras and notifications are now displayed in all views in the user interface  
Shutdown and Reboot buttons are now displayed correctly in simple user interface on IPPM systems
- 1.3.2  
Minor changes in web interface  
Minor changes in language files
- 1.3.1  
Extension units support changed  
Vivotek cameras support added  
Difference in humidity measurement





# Firmware history

- 1.2.109  
SMS notifications occasional send error resolved
- 1.2.108  
Ability to update sistem from hard drive added  
Ability to edit logic added  
Occasional automatic reboot error resolved  
Scrollbars added in «Logic» tab in web interface  
Default outlet name changed  
Threshold line added in plot view  
Minor changes in language files  
Minor changes in simple outlet interface
- 1.2.107  
Simple outlet interface added  
Minor changes in language files
- 1.2.106  
Minor changes in web interface
- 1.2.105  
Simple HTML interface added  
Minor changes in language files
- 1.2.102  
Ping added  
Ukrainian and Latvian languages were added

