



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 ACT начнёт мигать).
10. Проверьте работоспособность системы. IP-адрес сбросится в адрес по умолчанию: 192.168.0.193.

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. 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

- 1.3.17
Solved: impossible to access SNMP system.* branch
Solved: incorrect limiting UTF strings in logic
Solved: minor SMS messaging problems, such as extra line feed in message
Added: ability to send any SMS message from web interface (GSM modem required)
Added: new substitution format %7 (sensor value) for e-mail and SMS messages
Fixed: no more need to clear web-browser cache after firmware upgrading
Minor changes in language files
- 1.3.16
Solved: empty SMS messages are sent from system
Solved: inability to show logic schemes when large amount of schemes is present
Minor changes in language files
- 1.3.15
Added support for special direct current sensor
Added support for sending user SMS messages in API
Added feature: new formats %5 and %6 (alarmed sensor name and its state) that can be used to modify user-defined SMS and E-Mail message
Added feature: possibility to send user-defined SMS messages
Solved: undefined sensor name in logic
- 1.3.14
Solved: sensor ID becomes negative when ID is greater than 0x7fff
Solved: relays switch multiple times when are controlled from a single logic scheme
- 1.3.13
Power sensors behaviour changed
- 1.3.12
Solved: web interface loses network settings
- 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



Firmware history

- 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 dont 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
- 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



Firmware history

- 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
- 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