

# Sublime

## Hardware Revision 2 and later

### Release Notes

Revision: 2.7.2

2019-03-25

# 1 Overview

This document contains information about firmware releases for VikinX Sublime hardware revision 2 and later. The release note is cumulative, each chapter describing changes since the previous released version.

Upgrade of Sublime firmware is performed using the Nevion Configurator tool either via IP or serial connection. For more information please refer to the Nevion Configurator online help.

## 2 Firmware Releases

### 2.1 Release 2.7.2 (2019-03-25)

- Bug: Power-alarm fixed for SL-3GHD6464(-CP)-16OPT, SL-3GHD6464(-CP)-32OPT, SL-3GHD128128-RC, SL-3GHD128128-16OPT and SL-3GHD128128-32OPT.

### 2.2 Release 2.7.1 (2018-05-25)

- Improvement: Enable auto-negotiation on Ethernet interface on hardware that supports it.
- Bug: Fixes that the device might loose Ethernet link after a while.

### 2.3 Release 2.7.0 (2018-01-15)

- Bug: Take button is working for buttons on lowest RU on a 4RU panel.
- Bug: Lock and protect on SL-D32P fixed.

### 2.4 Release 2.6.7 (2016-08-08)

- Improvement: If input buffer for TCP packages is full, the window size is correctly set to zero. Updated window size was not sent immediately after a buffer was available. This is fixed resulting in improved performance when using big salvos
- Bug: Alarm from power input A and B on SL-3GHD128128 was swapped

### 2.5 Release 2.6.6 (2015-12-09)

- Fixed an issue that made the device stop responding on Ethernet when connected to a network with a lot of broadcast traffic.
- Fixed a memory leak that could make the device stop responding on Ethernet.

### 2.6 Release 2.6.5 (2014-05-13)

- Fixed issue with unstable reporting of power alarm on MRP

---

## 2.7 Release 2.6.4 (2014-01-09)

- New feature: Added support for alarms on MRP (TCP/IP)

## 2.8 Release 2.6.3 (2013-07-17)

- Ethernet autonegotiation handling is updated to only support 100Mb/s-half or 10Mb/s-half.

## 2.9 Release 2.6.2 (2012-02-14)

- New feature: Support for SL-3GHD128128-RC added.
- New feature: Support for “si”-command in MRP implemented.
- New feature: Generate alarm if fan on SFP module backplane stops.
- Improvement: Support for 3GHD video format in “Router request” command added to NCB protocol.
- Bug: Fixed a problem where the panel needed to be “Enabled” twice if NCB cable wasn’t connected when powered up.

## 2.10 Release 2.6.1 (2011-09-23)

- Bug in SL-D32P+: Port configuration problem when in extension loop fixed.
- Bug in SL-D32P+: Problem with connecting a fixed port to another fixed port with the same configuration fixed. This only occurred when in extension loop.

## 2.11 Release 2.6.0 (2011-06-21)

- New feature: Make it possible to configure redundant connection between a Sublime panel and a Multicon system.
- Improvement: Grass Valley Native Protocol updated to close the connection if no data has been received for two minutes.
- Bug: A panel connected to a router on NCB will now get the correct status when powered up.
- Bug: Take button is now working on panel-configurations with salvos only.
- Bug: In rare conditions, powering off a panel can make the router it was connected to uncontrollable.

## 2.12 Release 2.5.4 (2011-05-03)

- New feature: Sublime routers can be controlled using Thomson Native Protocol.
- New feature: Support output protect button on panel.
- Improvement: More alarm statuses reported when Alarm Status Request is called on Leitch Pass-Through protocol.
- Improvement: A/V toggle button functionality updated.
- Improvement: In NCB loop, the Sublime will act more like Compact when powering up.
- Bug: Panel will reconnect if router re-powered.
- Bug: Possible buffer overrun in TCP interface fixed.
- Bug: Invalid product keys not handled correct.
- Bug: Panel will not show invalid status for outputs bigger then the matrix size.

## 2.13 Release 2.5.3 (2011-03-18)

- New feature: Signal presence reported on MRP on SL-D32P+.
- Bug in 2.5.x: A SL-D32P, not in extension loop, the controller might reboot when sending a sequence of crosspoint commands.
- Bug: On panel with GPI interface, changing more then 10 GPI inputs at the same time didn't work.
- Bug: On panel with GPI interface, configured with "Dynamic fallback mode", "Switch before release" and "Joystick release mode", the fallback input might change during normal operation.
- Bug: SL-D32P is reporting wrong router format on NCB protocol.

## 2.14 Release 2.5.2 (2011-03-01)

- Bug: Multiple SL-D32P+ in extension loop, XY-mode and source orientation didn't update each other with correct status.
- Bug in 2.5.x: Unable to upgrade firmware on vit module.
- Improvement: Only allow configuration changed from one configuration software at a time.

### 2.15 Release 2.5.1 (2011-02-21)

- Support for SL-D32P in XY-mode added again (This was temporarily removed in version 2.5.0).
- Improvement: On SL-D32P+, raise alarms if communication problems on extension loop.

### 2.16 Release 2.5.0 (2011-02-02)

- Note: This release does not support SL-D32P in XY-mode!
- New feature: Support for SL-D32P+ added.
- Bug in 2.4.x: When connecting to MRP the connection is sometimes immediately closed.
- Bug in 2.4.x: A false SFP alarm is sometimes activated on SL-D32P / SL-D32P+.
- Improvement: On SL-D32P / SL-D32P+, pin 5 on the RS-422 ports are all connected with a weak pull-up to +5V.

### 2.17 Release 2.4.1 (2010-09-27)

- Bug in 2.4.0: EQ on all inputs set to bypass mode.
- Improvement: Support new matrix module in 8x8 and 16x16 digital video routers.

### 2.18 Release 2.4.0 (2010-09-10)

- New feature: Support for routers with optical modules added.
- New feature: Sublime routers can be controlled using Leitch Pass-Through protocol.
- New feature: Report system name and description to configuration tool which makes it capable of handling systems with only Sublime devices.
- New feature: Possible to enable new features by adding product keys.

### 2.19 Release 2.3.4 (2010-03-08)

- Bug: SL-3GHD128128 does sometimes not start properly.
- Improvement: Wait until signal is stable before reporting it as present to control system.

## 2.20 Release 2.3.3 (2010-03-02)

- Bug: Upgrading from firmware version 2.1.4 or earlier could lead to strange matrix status like locked outputs.
- Bug: SL-D32P in D1616 mode and source oriented (DIP 6 and 9 ON) wasn't working properly.

## 2.21 Release 2.3.2 (2010-01-28)

- Bug: Panel configuration wasn't working with some older bootloaders.

## 2.22 Release 2.3.1 (2010-01-22)

- Bug: Reporting version information from vit module fixed.
- Bug: Bootloader updated. This is needed to be able to upgrade firmware over TCP/IP (Firmware upgrade over TCP/IP is only for routers and panels with controller card revision 3 or newer.)
- Bug: Power alarms on SL-3GHD128128 fixed.
- Bug: With heavy load the router might stop switching.
- Bug: All outputs connected to input one at start-up for 64x64 and smaller routers. This bug only occur in 2.3.0.

## 2.23 Release 2.3.0 (2009-12-23)

- New feature: Support for SL-3GHD128128 added.
- New feature: Possible to bypass re-clocker.
- New feature: Possible to disable equalizer.
- New feature: Signal presence reported on MRP.
- New feature: CRC on MRP supported.
- New feature: Possible to upgrade firmware over TCP/IP. (Only for routers with controller card revision 3.)

## 2.24 Release 2.2.0 (2009-08-28)

- Support for non-square crosspoint modules added.
- Bug: Some modules was reported with wrong format.

---

## 2.25 Release 2.1.5 (2009-08-10)

- Bug: A unit might stop accepting incoming connections on MRP after a period of time.
- Bug: Power-up status on a SL-D32P in source oriented mode was wrong.
- Bug: A router without embedded panel is failing if sending a lock command on MRP on a level that is not present.
- Bug: Lock status on MRP is incorrect on SL-D32P.
- Bug: Status on salvo buttons fixed.
- Improvement: Locking crosspoints on a router from another router with embedded panel is now possible.
- Improvement: A ported data router will report its level format as ported on MRP.
- Improvement: Input buttons with automatic offset implemented. This is useful when input extension on 16x2 routers is used.
- Improvement: Setting a SL-D32P in D1616-mode will not overwrite port direction used in D32P-mode.
- Improvement: Possible to define "Disconnect" and "Undefined" input buttons and to have "Disconnect" and "Undefined" in salvo buttons.

## 2.26 Release 2.1.4 (2009-01-29)

- Bug: Power interruption for 180-250 ms was not handled correctly.
- Improvement: Do not activate all LEDs in the buttons when upgrading firmware.

## 2.27 Release 2.1.3 (2008-11-26)

- Bug: Startup status when a router is in 2, 3 or 4 layers router mode fixed.
- Bug: Protocol configuration updated to handle 16x2 routers with input extension.

## 2.28 Release 2.1.2 (2008-10-15)

- Bug: Input extension on SL-AD1602-110 fixed.
- Bug: Audio 16x2 routers with input extension to 128x2 can control input 128 from embedded panel.
- Improvement: "Take" button is always enabled if no "Take on/off" button is present on the panel.



---

## 2.29 Release 2.1.1 (2008-09-03)

- Critical bug in 2.1.0 fixed.

## 2.30 Release 2.1.0 (2008-08-28)

- Possible to configure protocols. Choose between MRP, NCB and NCB without Sublime extensions.
- Remove the limit that made Sublime panels unable to control levels higher than 16.
- Bug in input extension on SL-T1602 fixed.
- Radiated emission (EMC) reduced.
- Accept <CR><LF> in MRP commands.
- Accept syntax command on MRP.

## 2.31 Release 2.0.3 (2008-02-05)

- Support for GPIO panels added.
- Switching times are made configurable.
- Controlling multiple levels from a panel is improved.

## 2.32 Release 2.0.2 (2007-12-19)

- Critical bug, which could disable switching on a router, is fixed. This bug did not occur on SL-D32P.

## 2.33 Release 2.0.1 (2007-12-07)

- Bug in destination lock status response on SL-D32P fixed.
- Bug on SL-D32P when “Power-up mode” is on is fixed; port configuration is not deleted.
- “Router orientation” DIP added to SL-D32P.
- The device is rebooting correctly after a configuration change is done.
- Allow switching a SL-D32P in “wrong” direction regarding port configuration.
- Disconnect all ports on SL-D32P when “Router orientation” or “D1616 mode” is changed.
- Panels updated to control data routers better.
- Support for destination protect added on MRP protocol.

## 2.34 Release 2.0.0 (2007-10-04)

- Initial release