

Release Notes: Luma 510 NVR Firmware

V3.4.95 build 230118

Priority: **REQUIRED**

Released: 27 Apr 2023

Models Affected

LUM-510-NVR-4CH-0T

LUM-510-NVR-8CH-0T

LUM-510-NVR-16CH-0T

LUM-510-NVR-4CH-1T

LUM-510-NVR-8CH-1T

LUM-510-NVR-16CH-2T

Issues Resolved

1. Security and vulnerability improvements.

Known Issues

1. No new issues have been discovered.

V3.4.95 build 200708

Priority: **REQUIRED**

Released: 28 Oct 2020

Models Affected

LUM-510-NVR-4CH-0T

LUM-510-NVR-8CH-0T

LUM-510-NVR-16CH-0T

LUM-510-NVR-4CH-1T

LUM-510-NVR-8CH-1T

LUM-510-NVR-16CH-2T

Issues Resolved

1. Fixed purple line/artifact on Luma x10 series IP cameras when using the plugin free solution.
2. When accessing an NVR remotely using a plug-free browser, an additional port must be forwarded (port 7681). This port can now be translated to a different port number. You can port forward device's 7681 to any free external port.
3. Optimized the solution for pulling the 3rd stream for control systems when using Luma x10 series IP cameras. Previously, when a Luma 510 NVR and more than four Luma IP cameras were using the 3rd stream for control, some camera streams would appear blank when viewed from the control interface. The workaround was to connect the IP cameras directly to a network switch. This firmware fixes this problem, eliminating the need to connect the Luma IP cameras to a separate switch.

Note: When a large Luma NVR project requires over four camera streams to be viewed concurrently through the control system (i.e. concurrently on 4 different panels or apps at the same time), an additional network switch is still required.

Known Issues

1. In multi-channel grid view you get a blank screen if your camera's substream is set to MJPEG. With the plugin free feature you cannot use MJPEG for the substream. Log in to the camera's local interface to change substream from MJPEG to H.264.
2. You must use the Luma Video Player to hear audio on footage exported from the NVR. The Luma Video Player is available on PC. Mac's are not supported at this time.
3. If the recorder has a pre-event recording, a 3-5 second delay is required before the Next Event button moves the footage to the next event.
4. OvrC is unable to pull a snapshot from a camera.
5. Playback grid selection resets after timeline selection; camera must be re-selected to begin footage playback.
6. Online users list does not populate active connections.
7. C4 Navigation Driver: When in Privacy Mode, using Enable/Disable All commands may cause a reboot. Use individual enable/disable commands instead.
8. Point of Sale (PoS) recordings are not categorized in continuous mode.
9. On Mac computers, the Point of Sale (PoS) feature does not work during video playback.
10. VCA Color Code incorrect on recorder timeline; it should be purple, not red.

V3.4.95 build 191127

Priority: **REQUIRED**

Released: 25 Mar 2020

Models Affected

LUM-510-NVR-4CH-0T

LUM-510-NVR-8CH-0T

LUM-510-NVR-16CH-0T

LUM-510-NVR-4CH-1T

LUM-510-NVR-8CH-1T

LUM-510-NVR-16CH-2T

Enhancements

1. Support for all browsers on both PCs and Macs without the need for plugins. Internet Explorer continues to use a plug-in. All other browsers do not use a plug-in. Important notes:
 - Not all features are supported on plug-in free browsers, such a Chrome or Safari. For instance, the maximum number of cameras supported in matrix view is 4. This means that the user would need to cycle through the cameras on an 8 or 16 channel NVR.
 - When accessing an NVR remotely using a plug-free browser, an additional port must be forwarded (port 7681). This port cannot be translated to a different port number.
2. Support for Plug-and-Play Visualint cameras including using Visualint cameras connected to the Luma NVR's switch, and support for "port forwarding" of Visualint ports through the NVR. When VI cameras are connected by plug-in & play, VI cameras get the same password as the NVR. When the NVR's password is changed, it can be synchronized to Visualint cameras. **Note:** A 16 character NVR password cannot be synchronized to Visualint cameras because Visualint cameras only support a password with a maximum of 15 characters.
3. Control System improvements:
 - Support for use of third stream on Luma X10 cameras through the Luma NVR. Requires use of latest Luma Camera IP driver.
 - Use of Privacy Mode, Record Schedule enable/disable, and Notification schedule enable/disable commands in Navigation driver now work regardless of the current state of local UI. When using Privacy mode commands with Visualint cameras, the Visualint driver must also be used to disable the video stream.
 - Added support for 'Enter' command in Navigation driver.
 - Privacy mode also block audio in addition to video when enabled.

Issues Resolved

1. LumaLink performance improvements.
2. Improved security.
3. Configuration menu improvements on Web UI. For instance, POE overdrive configuration is now available on the web interface.
4. Many other minor bug fixes and improvements.

Known Issues

1. Remote access using a plugin free browser (e.g. Chrome, Safari, Edge) is only supported on one NVR per network. This is because port translation of 7681 is not supported. This will be addressed in a future update.
2. Must use the Luma Video Player to hear audio on footage exported from the NVR Available on PC only no Mac support at this time.
3. If the recorder has a pre-event recording, a 3–5 second delay is required before the Next Event button moves the footage to the next event.

4. OvrC is unable to pull a snapshot from a camera.
5. Playback grid selection resets after timeline selection; camera must be re-selected to begin footage playback.
6. Online users list not populating active connections.
7. C4 Navigation Driver: When in Privacy Mode, using Enable/Disable All commands may cause a reboot. Use individual enable/disable commands instead.
8. Point of Sale (PoS) recordings are not categorized in continuous mode.
9. On Mac computers, the Point of Sale (PoS) feature does not work during video playback.
10. VCA Color Code incorrect on recorder timeline; it should be purple, not red.

V3.4.95 build 191123

Priority: **REQUIRED**

Released: 2019/12/04

ALERT: If you have firmware version V3.4.95_190902, **this update will not apply.** That firmware version requires a special update and cannot be performed over OvrC. We will email you instructions separately.

Models Affected

LUM-510-NVR-4CH-0T

LUM-510-NVR-8CH-0T

LUM-510-NVR-16CH-0T

LUM-510-NVR-4CH-1T

LUM-510-NVR-8CH-1T

LUM-510-NVR-16CH-2T

Enhancements

1. None; this firmware fixes the LumaLink connectivity issue.

Issues Resolved

1. Fixed LumaLink connectivity issue.

Known Issues

1. Must use the Luma Video Player to hear audio on footage exported from the NVR Available on PC only no Mac support at this time.
2. The “Enter” CGI command does not work in Live View. The workaround is to use the discrete commands.
3. Local User Interface has mismatching text on smart search icons.
4. If the recorder has a pre-event recording, a 3–5 second delay is required before the Next Event button moves the footage to the next event.
5. OvrC is unable to pull a snapshot from a camera.
6. Playback grid selection resets after timeline selection; camera must be re-selected to begin footage playback.
7. Online users list not populating active connections.
8. Point of Sale (PoS) recordings are not categorized in continuous mode.
9. On Mac computers, the Point of Sale (PoS) feature does not work during video playback.
10. VCA Color Code incorrect on recorder timeline; it should be purple, not red.
11. Web user interface may return to login screen after entering in credentials.

V3.4.95 build 180717

Priority: **RECOMMENDED**

Released: 2019/04/04

Models Affected

LUM-510-NVR-4CH-0T

LUM-510-NVR-8CH-0T

LUM-510-NVR-16CH-0T

LUM-510-NVR-4CH-1T

LUM-510-NVR-8CH-1T

LUM-510-NVR-16CH-2T

Enhancements

1. Improved performance.

Issues Resolved

1. Corrects a memory allocation issue that caused the NVR to reboot while handling multiple MJPEG streams
2. Resolves an issue where cameras sub streams may not display in the local, web and mobile app views
3. Resolves an issue where sub stream playback is not available in web and mobile app interfaces.

Known Issues

1. Must use the Luma Video Player to hear audio on footage exported from the NVR Available on PC only no Mac support at this time.
2. The “Enter” CGI command does not work in Live View. The workaround is to use the discrete commands.
3. Local User Interface has mismatching text on smart search icons.
4. If the recorder has a pre-event recording, a 3–5 second delay is required before the Next Event button moves the footage to the next event.
5. OvrC is unable to pull a snapshot from a camera.
6. Playback grid selection resets after timeline selection; camera must be re-selected to begin footage playback.
7. Online users list not populating active connections.
8. Point of Sale (PoS) recordings are not categorized in continuous mode.
9. On Mac computers, the Point of Sale (PoS) feature does not work during video playback.
10. VCA Color Code incorrect on recorder timeline; it should be purple, not red.
11. Web user interface may return to login screen after entering in credentials.

V3.4.95 build 180508

Priority: **RECOMMENDED**

Released: 2018/08/06

Models Affected

LUM-510-NVR-4CH-0T

LUM-510-NVR-8CH-0T

LUM-510-NVR-16CH-0T

LUM-510-NVR-4CH-1T

LUM-510-NVR-8CH-1T

LUM-510-NVR-16CH-2T

Enhancements

1. None; this is the launch firmware.

Issues Resolved

1. None; this is the launch firmware.

Known Issues

1. Must use the Luma Video Player to hear audio on footage exported from the NVR Available on PC only no Mac support at this time.
2. The “Enter” CGI command does not work in Live View. The workaround is to use the discrete commands.
3. Local User Interface has mismatching text on smart search icons.
4. If the recorder has a pre-event recording, a 3–5 second delay is required before the Next Event button moves the footage to the next event.
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11. Web user interface may return to login screen after entering in credentials.