



2.24.xx Initial Public Release October 2017

The 2.24.xx software release provides the latest software for SightLine Video Processors. Over 220 updates add new features and capabilities and improve performance throughout.

2.24.07 (12/6/17)

- All - (fixed) Video streaming to a broadcast address (e.g. 255.255.255.255) was broken.
- All - (fixed) The primary track started from drone detection mode did not track as well as user selected track.
- All - (fixed) Improved RTP - H.264 to reduce ARM utilization and improve compatibility with VMS.
- All - (fixed) When sending multiple Set SD Recording Parameters (0x1E) commands to start or stop recording – without the license – locked up the system.
- 1500 - (fixed) Improved analog output color to match fuller range of 8-bit values.
- 3000 - (fixed) JPEG snap shots showed artifacts in last 8 rows of the image.
- 3000 - (fixed) IP routing tables were not configured correctly preventing multicast video streaming.
- Panel Plus - (fixed) Serial communication reconnect failed.

2.24.06 (11/15/17)

- All - (added) Command Passthrough (0x3D) can now pass data to serial port 2.
- All - (fixed) Rendering PIP video from the same camera was not consistent when using source or enhanced image.
- All - (fixed) Extra six empty bytes no longer appended to command passthrough output.
- All - (fixed) Panel Plus did not consistently show telemetry in tracker only configuration.
- All - (fixed) Easier to start a track in the tracker only configuration by making it less dependent on modify mode.
- All - (fixed) Image Enhancement / high bit-depth app bits no longer prevents use of YUV or Bayer image input formats.
- 3000 - (added) Horizontal scaling control in Advanced Capture Parameters (0x7B) is now available on the 3000-OEM.
- 3000 - (fixed) Two Up display mode caused crash when digital (out) zoom was applied to one of the image sources.
- 3000 - (fixed) Blank image frames (frame with a single gray scale value) caused encoding crash.

2.24.05 (10/23/17)

- All - (added) Support for USB to RS-232 serial converters in user programs (not yet in VideoTrack).
- All - (fixed) SLADecode missing metadata KLV Tags when split over two packets.
- All - (fixed) SLADecode unpacked presentation timestamp (PTS) incorrectly.
- All - (fixed) Negative latitude and longitude not displaying correctly with Draw Object (0x3B).
- All - (fixed) Overlay graphics on analog output missing pixels due to rendering technique.
- All - (fixed) Set Display Parameters (0x16) not using camera index.



- All - (fixed) Miss matched names in stabilization parameters.
- Panel Plus - (fixed) Panel Plus serial connection to SLA-hardware.

2.24.04 (10/12/17)

- All - (improved) Added parameter to clip stabilization results.
- All - (improved) Added I2C command to allow configuration of Airborne camera and other I2C bus connected devices.
- All - (improved) Added improved focus metric algorithms selectable by SetSystemValue.
- All - (fixed) Set auto chop to ON by default for analog cameras.
- All - (fixed) Low power mode - fixed missing data in performance graphs.
- 3000 - (fixed) Low power mode - the same camera can now stream to both Net0 and Net1.
- 3000 - (fixed) Now allows blending of small format camera to match format of larger camera (e.g., 240 x 320 IR camera to match 720p EO).
- 3000 - (fixed) Crash when using Blend with ColorIR mode and user defined palettes.
- Panel Plus (improved) Added autofocus parameters to Panel Plus.

2.24.03 (10/05/17)

- First initial public release. See the [2.24 Software Release](#) for a complete list of new updates and features.