



VersaStreamer SDI Release Notes

2022-06-20 V8.4.0.141.3

Bug Fixes / Improvements

- > Security enhancements
- > Bug fix for Generic RTMPS stream URL requiring manual selection of 'rtmps://' protocol



V8.3.2.141.3

Bug Fixes

- > Resolved issue where downloaded file recordings are corrupted when downloading multiple simultaneously
- > Resolved an issue where key frame interval limits were not being enforced when set through XML.

Improvements

- > Software update reliability enhancements
- > Improvements to verbiage of error messages for File Record feature

Known Issues

- > Generic RTMPS stream URL requires manual selection of 'rtmps://' protocol



V8.3.0.117.3

Improvements

- > 720x480 encoder scaling resolution replaced with 854x480 resolution in support of 16:9 widescreen
- > Improved reliability of network diagnostics via SD card or USB drive

Known Issues

- > Android OS update bug that may require cold boot during a software update
- > Generic RTMPS stream URL requires manual selection of 'rtmps://' protocol

V8.2.0.117.3

Bug Fixes / Improvements

- > Further improvement of SDI lock
- > Videon Web UI is now supported across Firefox, Safari, and Edge web browsers in addition to Chrome
- > Videon Discovery app rebranded to match website color scheme and logos
- > Videon Web UI rebranded to match website color scheme and logos
- > Video bitrate minimum adjusted to 100kbps



- > Keyframe interval minimum adjusted to 1 frame (for iframes only)
- > Configurable file recording filename date/time settings
- > Improved load time of AWS IVS RTMP channel list when using multiple channels

Known Issues

- > Generic RTMPS stream URL requires manual selection of 'rtmps://' protocol

V8.1.4.117.3

Bug Fixes

- > SDI signal lock bug fix
 - ***Note: In environments where the video format is switched mid-stream using SDI, in some cases there can be static in the output audio feed. Stopping and starting the stream corrects the issue. This issue is resolved in the next release after V8.1.4.117.3***

Known Issues

- > Generic RTMPS stream URL requires manual selection of 'rtmps://' protocol



V8.1.3.117.3

Bug Fixes / Improvements

- > Fix for Web UI bug placing red X for invalid FTP file path in wrong location
- > Fix for large recorded files not able to be played back when "Delete Oldest File When Full" and "Limit Max File Size" are enabled

V8.1.2.117.3

Bug Fixes / Improvements

- > Fix for file recording showing unsaved changes on web UI during FTP Upload
- > Fix for web UI slowing down during FTP Upload
- > Fix for Device Settings page not being displayed on web UI when using port forwarding
- > Improvement of video playback quality for SD resolutions
- > Improvements to prevent connection issues when RTMP server is in a faulty state
- > Security improvements to hide and encrypt passwords and keys of confidential configurations for the following:
 - RTMP Integrations
 - FTP Authentication
 - XML Authentication
- > Improvements to XML web UI feedback when invalid URL is entered

V8.1.1.117.3

Features

- > Added software version and serial number to XML status

Bug Fixes / Improvements

- > Improved SDI input source detection
- > Improved update notification of a failed download
- > Improved logging for update retrieval
- > Fixed multiple sporadic streaming hangs on AV input changes
- > Fixed a crash in some cases of disabling HTTP Pull



V8.1.0.116.3

Features

- > Mux RTMP Integration

V8.0.0.115.3

Bug Fixes / Improvements

- > Fixed possible failure to load static IP configuration on boot
- > Improved logging of unexpected errors
- > Fixed issue where Facebook stream would not start when set up using REST actions
- > Improved NTP time accuracy
- > Updated web UI for increased compatibility with port forwarding

V7.10.0.109.3

Features

- > AWS IVS RTMP Integration
 - Refer here for guidelines on streaming to AWS IVS:
<https://support.videonlabs.com/hc/en-us/articles/4404815170963-Stream-to-AWS-IVS-RTMP->

Bug Fixes / Improvements

- > Fixed issue where web UI was sometimes failing to load all outputs

Known Issues

- > HDMI splitters of the Techole and Cable Matters brands have been found to not be recognized as a valid source with Videon encoders
- > USB drives must have a partition table to mount. Ensure the drive has a partition table and is formatted to FAT32.
- > When a chosen recording storage device is unplugged, a new storage device must be manually selected



V7.9.1.109.3

Bug Fixes / Improvements

- > Fixed an issue with setting up a stream to Facebook and stream title and description would disappear after rebooting
- > Improvements made to network handling of the VersaStreamer SDI to automatically re-establish a lost connection on the network

V7.9.0.102.3

Bug Fixes / Improvements

- > Changed AV Input Preview max Thumbnail size to 320px to help prevent performance issues when using Input Preview
- > Updated stream outputs (RTMP, Unicast, Recording, etc.) to enable when their settings are changed.
- > Fixed an issue where specific SDI sources were experiencing audio static with fractional framerates

V7.8.2.102.3

Bug Fixes / Improvements

- > File recording's "Time Remaining" field now shows when the selected storage device is full
- > Facebook and YouTube RTMP integrations now dynamically adjust pairing poll interval to conform with respective platform API requirements to avoid pairing attempts being cancelled by Facebook or YouTube
- > Failed Facebook and YouTube pairing attempts now show an error message

V7.8.1.96.3

Bug Fixes / Improvements

- > YouTube and Facebook integrations were updated to meet ToS, new privacy and branding requirements, as well as use the latest API calls



V7.8.0.96.3

Features

- > Added a product registration splash screen on boot to appear until device has been registered

Bug Fixes / Improvements

- > Fixed File Recording sometimes failing to record to file

V7.7.0.96.3

Features

- > AV Input Preview feature added to Input Settings for confidence monitoring
 - This allows viewing up to 5 FPS of the video input and a real-time audio input level meter
- > Digest Authentication support added to XML Control
 - Users can now host XML configuration files on digest authentication protected servers
- > Factory Reset now clears all recorded files on the Internal Storage
- > XML REST API control has been moved to its own /xml endpoint and the xml control in the /system endpoint has been deprecated
 - The XML fields in /system will continue to function for V7.7, but **will be deactivated** in a future release
 - **If using the REST API to configure XML control**, please migrate functions to the new /xml endpoint according to the updated REST API documentation [here](#)

Bug Fixes / Improvements

- > File Recording device selection policy removed to simplify File Recording setup
 - Storage device is now always manually selected
- > File Recording Max File Size now set only in GB since most users had only used GB
 - Valid configurable range is from .01GB up to size of storage device
- > HLS Pull stability improvements
- > Secure streaming connection stability improvements (ex: SFTP)
- > Improved the Facebook RTMP integration to more accurately populate scheduled streams based on recent changes to Facebook's Live Video API



V7.6.0.85.3

Features

- > Akamai service provider option now available in RTMP Outputs
- > HTTP Pull now serves over port 8080 instead of port 80
 - This was a result of resolving CORS issues on HTTP playback
- > NTP section added to Device Settings to allow users to configure the time server the encoder syncs with

Bug Fixes

- > UI no longer fails to fully load when USB or SD card is improperly removed while recording

V7.4.1.77.3

Bug Fixes

- > -10dB audio drop on encode fixed

V7.4.0.75.3

Features

- > Added support for SMPTE-334-2 608/708 Closed Captions via SDI for HD/UHD resolutions
- > Added Audio/Video Input statuses
- > HDMI connection EDID updated to "Videon"

Bug Fixes

- > Fixed an infrequent issue where the encoded video would frame shift with some sources
- > Improved UI load time
- > File record error LEDs corrected to reflect error states
- > HTTP Pull status corrected to reflect the on/off state
- > Improved network connectivity stability with static networks
- > DHCP lease renewal improved
- > Color space improvements on encode
 - Correct identification of Full vs. Limited scale
 - Correct identification of BT.601 vs BT.709 color space



V7.3.0.73.3

Features

- > Input Settings now shows a status in the UI
- > All Outputs now show status in the UI
- > “Recording and FTP” label changed to “Recording”
- > fMP4 is now the default media type for HTTP Pull

Bug Fixes

- > AV Synchronization stability fixes
- > Buffer management improvements
- > RTSP startup stability improvements
- > Recording now has the correct LED statuses reported
- > Device Name now appears next to Current Device in the Advanced tab
- > Facebook RTMP integration now loads “Stream List” information properly

V7.2.0.61.3

Features

- > The hardware button on the front panel now controls all RTMP outputs
- > The currently select device now shows in the “Select a Device” dropdown on the Encoder Control page
- > B-frame control for HEVC was added to be the same as the Quality/Latency control for H.264

Bug Fixes

- > Unplugging the Ethernet cable while running no longer reverts Static network settings to DHCP
- > SDI input locking stability improvements

V7.1.0.61.3

Features

- > V2 UI - [Walkthrough guide](#)
- > [V2 REST API and XML](#)
- > B-frames are now supported for HEVC encoding as the Quality/Latency setting
- > Video and Audio settings now have status messages in both the left sidebar and in the settings window when selected



- > Facebook now supports selecting scheduled streams on pages managed by the paired user
- > File Recording now has new features
 - MP4 record
 - Option to delete oldest recording from storage device when full
 - Storage device selection policies
 - 16GB internal storage now accessible
- > FTP is now part of File Recording settings

Bug Fixes

- > YouTube RTMP integration more reliably generates a pairing code

V6.5.0.61.3

First release for VersaStreamer SDI.

- > Datasheet found [here](#)
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