
Release Notes

Model: NVS-31

Mar. 5, 2021

NVS-31 Firmware

- Version: FW20210205NVS_V07
- File name: HS-1300_NVS-31_FW20210205NVS_V07

Issues

1. Stream/Record will not start if the output resolution/frame rate are not valid. Moreover, warning messages are added for the Web UI and GPIO LED.

Note: For the previous firmware, it will show warning and set "Same as Input" automatically.

2. Fixed the Auto Stream issue that sometimes this function can not be worked or it will cause possible auto recording and streaming failures (the percentage is about 3%)
3. KwaiShou live-streaming platform is supported.

Oct. 29, 2020

NVS-31 Firmware

- Version: FW20201006NVS_V07
- File name: HS-1300_NVS-31_FW20201006NVS_07

Issues

1. Fixed the NVS-31/NVS-33 no response issue when stopping streaming by the stream button in Record+Stream Mode. (In Facebook Live timeout state).
2. Fixed the issue that the Facebook RTMPS streaming can not be stopped on Record + Stream mode.
3. Added the RTMP Adaptive Bitrate (Facebook issue).
4. Added the checking for RTMP URL resolution when DNS is failed (and web UI warning message).
5. Added the SRT connection & socket timeout to 3000ms.
6. Increased the maximum length of the RTMP Stream Name to 2048.
7. Fixed the SRT handshaking issue with Datavideo CDN dvCloud. (latency issue).
8. Added the "Audio Only" mode for streaming external audio only.

Mar. 24, 2020

NVS-31 Firmware

- Version: FW20200227NVS_V07
- File name: HS-1300_NVS-31_FW20200227NVS_07

Issues

1. The size of the firmware is reduced, and the maximum size limitation for the web UI is set at 28MB.
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Feb. 03, 2020

NVS-31 Firmware

- Version: FW20191226NVS_V07
- File name: HS-1300_NVS-31_FW20191226NVS_V07

Issues

1. Fixed the issue that the display of Time for the MP4 file is wrong on PC. Moreover, fixed the issue that the display of Time on the web control interface is wrong.
2. Fixed the issue that when the time settings of the web control interface is changed, the display of Time for

the OSD will be wrong.

3. The updating of time is changed to be Automatic and the default NTP server is "time.google.com".
 4. Fixed the issue of the wrong LED indicator displaying when the factory default function is done by pressing the buttons.
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Jul. 26, 2019

NVS-31 Firmware

- Version: FW20190717NVS_V07
- File name: HS-1300_NVS-31_FW20190717NVS_V07

Issues

1. Fixed the issue that for the NVS-31_V1, the LED indicator is wrong when it goes back to normal status from the error status.
 2. Fixed the issue that for the NVS-31/NVS-33_V2, the LED indicator is wrong when cancelling the Restore Default by buttons.
 3. The HLS Preview option is removed from the System page of the Web UI.
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Jul. 16, 2019

NVS-31 Firmware

- Version: FW20190705NVS
- File name: HS-1300_NVS-31_FW20190705NVS

Issues

1. Fixed the issue that the left & right channels of the HDMI/SDI Embedded Audio are reversed.
2. Fixed the issue that when the static IP is set for the Web UI, the last two figures will not be shown for the Gateway IP.
3. Fixed the issue that there is no change for the LED indicators when updating the firmware.
4. Fixed the issue that the "Video Only" option for the RTSP can not be worked in Record+Stream Mode.
5. Fixed the issue that the equipment can record but can not stream after the Stream & Record parameters are set and the Stream +Record button is pressed for the web UI.
6. The LED indicators for the Record+Stream and Record Only Mode are changed when the storage space for the recording is full.
7. The RTMPS streaming protocol is supported.
8. The "File Repair" function is added for the Web UI.
9. The Error Status warning LED indicator is added.

Jun. 19, 2019

NVS-31 Firmware

- Version: FW20190705NVS
- File name: HS-1300_NVS-31_FW20190705NVS

Issues

1. Modified the issue that the recording or streaming function can not be activated once the Dual Stream and Single Stream are not switched correctly by pressing the web UI's "Apply" button.
2. Added the MP4 repair function into the web UI for the recorded file. If the recorded file can not be played, it is necessary to use the software tool MP4 plumber to fix the damaged file. Please pay attention that this MP4 Plumber software can be worked only for the FW20190607NVS or newer firmware. The MP4 Plumber software will be released individually.

Apr. 26, 2019

NVS-31 Firmware

- Version: FW20190411NVS
- File name: HS-1300_NVS-31_FW20190426NVS

Issues

1. Fixed the issue that when the recorded file is playing, the 1st to 4th seconds will not be recorded or the black screen will be shown (When in consecutive video recording).
2. The time interval for the automatic saving for each MP4 file is reduced to 1 frame.

3. The Youtube option is removed from the Stream Type drop-down menu.
4. Users can enter traditional Chinese as the recorded file name.
5. The foolproof warning “NTP server is blank” is added when the Time Setting Type is set as “Automatically from the Internet”.
6. The Recovery Mode is removed.
7. The flickering frequency of the LED indicator is changed when the Restore Default is triggered, the flickering speed becomes faster.

Jan. 16, 2019

NVS-31 Firmware

- Version: FW20190311NVS
- File name: HS-1300_NVS-31_FW20190311NVS

Issues

1. Fixed the issue that the .MP4 file can not be played.
2. Fixed the issue that if an SD card with the recorded file is inserted into the HS-1300, this SD card can not be detected by the HS-1300.
3. Added the warning that the encoder setting can not be changed during the recording or streaming process.
4. Added the rule that special characters can not be entered to be the file name of the recorded file.
5. Fixed the issue that the Record function is not available for the HS-1300.
6. Fixed the wrong display issue of the frame rate for the IE Edge.
7. Fixed the issue that the Encoder setting can not be saved.
8. Added the function that the LED indicators will be flickering when the system is powering on.

Mar. 15, 2019

NVS-31 Firmware

- Version: FW20190111NVS
- File name: HS-1300_NVS-31_FW20190111NVS

Issues

1. New SD card information reading mechanism is provided.
2. After pressing the “Stop Record” or “Stop Stream” button from the Web UI of the NVS-31 streaming Encoder/Decoder or the “RECORD”/ “STREAM” button on the front panel of the HS-1300/1600T/HS-3200, the recording/streaming will be stopped after 0.2-0.5 seconds.
3. Add Dual+Stream setting to be the foolproof mechanism. The operation mode can be changed only when the previous operation is stopped.

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4. Fix the noise issue for the RTMP Youtube 1 KHz Tone.
 5. The LED signal for the NVS-31 streaming Encoder/Decoder is changed. The RECORD and STREAM buttons will flicker for 15 seconds to prevent the situation that has sound but without image when recording.
 6. The dir-listing in the storage option is removed.
 7. Add the function that the H.264+AAC will be checked when the recording is started.
 8. Fix the issue that the capacity display of the Record media is reversed in Status page of the Web UI.
 9. Fix the issue that once the SD card information is read, the NVS-31 streaming Encoder/Decoder will be crashed.

Dec. 21, 2018

NVS-31 Firmware

- Version: 20181218NVS
- File name: HS -1300_NVS-31_FW20181218NVS

Issues

1. The LED & Button behavior is changed to as following.

Starting: Press the "Stream" button and hold for 1 second. And then the "Stream" button is flashing which means the trigger for streaming is finished and it is in process. After that, the LED will be kept lit to show that the streaming process is finished. (The LED will flash three times quickly and if the LED can not be lit up, it means that something is wrong).

2. The Record response time is tuned to 2~3 seconds.
3. New Web UI is adopted. (The icon for recording is added.)(There is no message to remind the user that the system is in the process of recording).

Nov 28, 2018

NVS-31 Firmware

- Version: 20181109NVS
- File name: HS -1300_NVS-31_FW20181109NVS

Issues

1. Fix the issue that the sub Encoder is not in effect when recording.
2. Fix the issue that the Web UI will be crashed when encoding.

Nov 12, 2018

NVS-31 Firmware

- Version: 20181024NVS
- File name: HS-1300_NVS-31_FW20181024NVS

Issues

1. Add Youtube direct streaming function.
2. Add TS_UDP dual Encoder function.
3. Add Japanese web-based user interface.
4. Change Logo.
5. Add Auto Stream option (Users can select power-on Auto-Stream function).
6. Add the function for saving the setting by the "Apply" button (for Streaming interface & Record Interface).
7. Add the function for switching between saving and Activating for different streaming types.
8. The naming rule of the recording file is changed to be incremented based on the maximum number. (e.g. If the recorded file name is "RECORD" and the file RECORD_0001.mp4 is existed, the file name for the next recorded file will be started from RECORD_0002.mp4.
9. Fix the issue that the frames for the Framerate Sub Encoder will be reduced.
10. It is no need for rebooting once the "Restore Default" button is pressed.
11. Add function for self-defined time-zone.

Feb 1, 2018

NVS-31 Firmware

- Version: 20180201NBeta
- File name: FW20171229N_NVS31

Issues

1. New Feature: Detection of SD card hot plugging.
 2. Bug Fix: After applying factory reset, there are nonexistent source settings found in SOURCE after login.
 3. Modification: Video source button text changed from NVS31 to HDMI.
 4. New Feature: Warnings will be displayed in the Firmware Update when switching to the System Page during streaming or recording.
 5. New Feature: Warning will be displayed if the SD card write speed is lower than 5Mbps.
 6. Bug Fix: Device crashes after SD card is formatted.
 7. Bug Fix: After the SD card is formatted, the file name generated from the first recording will still be the file name before SD card formatting.
 8. Modification: USB Information is changed to Storage Information in the Record MENU.
 9. Bug Fix: Unable to manually set date and time.
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Jan 4, 2018

NVS-31 Firmware

- Version: 20171229N
- File name: FW20171229N_NVS31

Issues

Initial release
