
Product Name: <SD9362-EH-v2>
Release Version: <0123d>
Date: <2020/5/20>
Product Type Camera NVR Software

New Feature:

- Support Stream profile.
- Support new FW naming rule.
- Support IGMP v3 protocol for communication with Milestone.
- Support Profile T for single channel.
- Add password description on the configure page.
- Support to show the stream profile source on recording setting page.
- Support POSIX TZ on customize time zone setting.
- Support to setup the start time and end time on daylight saving time format of POSIX TZ.
- Support PIM-SSM for ONVIF.

Changed Feature:

- Upgrade ONVIF version to 19.12.
- Upgrade VADP version to v1.4.3.1.
- Upgrade Web API version to 0314c.
- SMART SD Support Micro sd 512/1024 GB.
- Upgrade Genetec package version to 2.1.1.3.
- To keep all the log information even if the camera restart.
- Change the self-signed certificate validity default period from 3650 to 825 days.
- Enable the set parameter log by default.
- Remove ECDHE-RSA-AES256-SHA and ECDHE-RSA-AES128-SHA ciphers.
- Change the password character length from at least 8 characters to 8~64 characters.
- Change the video clip source of event setting and recording setting from streaming mode to profile base.
- Remove the export/upload DST function.
- Remove upload_dst.cgi and exportDst.cgi.
- Upgrade Trend Micro version to 1.2a.a1.8.3.
- Remove Anonymous viewing function on the IE.
- Remove URL remove network_http_anonymousviewing and network_rtsp_anonymousviewing.
- To Change the first character of media profile2 name should be capitalized.
- Upgrade Stratocast version to 1.2a.a1.5.1

*** Please note that this version has a major structure changed once upgrade to this**

firmware version, it does not allow downgrading to the previous firmware version.

Bugs Fixed:

- Fixed CVE-2018-20679 & CVE-2019-5747.
- Fixed the black image and 401 unauthorized issues.
- Fixed cannot search the file which continues recording in SD card on the content management page.
- Fixed the default service name is not custom model name after restore to default.
- Fixed an issue when camera time sync to PC and then upgrade the firmware, the time will go back to original.
- Fixed changing the custom model name will fail if the camera extended modelname includes "[" or "]".
- Fixed the vadvp_module_number value is incorrect when the VADP package is removed two times.
- Fixed the vadvpctrl.cgi start/stop/remove will not include \r\n between the head and body.
- Fixed an issue when running hyperlink on smart VCA package, the log will record into system log not save to VADP log.
- Fixed the SNMP function only can work a period of time and then shows cannot create socket on a log.
- Fixed an issue when uploading the package fails, the camera will not return the correct error code.
- Fixed an issue when the package installs in the SD card, the package will be removed from package list.
- Fixed an issue when the camera setup on rotate and send the GetMaxResolution API to get the resolution, it would not show the rotate image.
- Fixed can not show recording results on content management when the recording schedule records to NAS after reboot the camera.
- Fixed the camera changes the day/night mode on day mode when the camera IR cut filter setup on schedule mode.
- Fixed the onvif/media2 service doesn't run when camera boots up.
- Fixed an issue when customer does not set up the DNS on network setting page, the camera still connect to default DNS server of 192.168.0.7 or 168.95.1.1.
- Fixed the custom action of VADP can not setup to 3 actions.

Release Version: <0122b_Beta2>

Date: 2020/5/4

New Feature:

- N/A.

Changed Feature:

- Remove the customized script function on the event settings page.

Bugs Fixed:

- Fixed CVE-2020-11949, Allow an authenticated user to obtain arbitrary files from a camera's local filesystem via testserver.cgi.
- Fixed CVE-2020-11950, Allow an authenticated user to upload and execute a script (with resultant execution of OS commands) via eventscript.cgi.

Known Issue:

- If the snapshot and log file is sent when the event trigger type is set to smart SD, users will not be able to search them in Content management page.
- In digest mode, users will need to login more than one time and may need to re-login when switching page.
- If sending a file to the NAS event action, the NAS will not receive the file and the mounting status might become Error.
- If you launch multi-tab to view camera streaming, it will display streaming on first tab and the rest will show black image.
- It will display black image once change the camera URL from http to https.
- The click on image function not working on add recorded patrol and add preset patrol page.
- The record patrol would start from the beginning when clicking pause and play again.

* It is required to remount the NAS if the network storage setting function is changed from server setting to NAS management.

Release Version: <0122b_Beta1>

Date: 2019/12/24

New Feature:

- Add license expiration notice in Trend Micro event.
- Add function of "Stop License with stop service code" in Trend Micro event.

Changed Feature:

- Upgrade VADP version to 1.4.2.2.
- Upgrade Trend Micro package version to v1.1b.a1.7.3.
- Upgrade Stratocast package to v1.1a.a1.4.2.
- Upgrade embedded Genetec version to 2.0.4.1.
- Not support play streaming via QuickTime.
- Fixed CVE-2019-19936, remove and not support eventtask.cgi

Bugs Fixed:

- Enhanced error handling for input /cgi-bin/viewer/video.jpg with illegal parameters.
- Enhanced error handling for /cgi-bin/admin/setparam.cgi?network_http_port.
- Enhanced SD card status display mechanism.
- Fixed zoom/focus bar incorrect issue.
- Fixed seamless recording not resuming the recording correctly issue.
- Fixed timeshift function not work issue.
- Fixed service name will return to default after upgrading firmware.
- Fixed upgrade firmware failed in specific circumstance.
- Fixed cannot display webpage issue when connect to camera by using not default https port.
- Fixed could not connect to camera via public IP once enable PPPoE.
- Fixed Stratocast reconnection mechanism to wait 30 second re-attempt cooldown period to avoid Stratocast server put camera connection into black list.

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Release Version: <0120b_SA2019002>

Date: 2019/8/29

New Feature:

- Support Bonjour.
- Support Trend Micro event.
- Support Trend Micro refund.
- Support showing hostname on DHCP server.

Changed Feature:

- Upgrade VADP version to 1.4.2.0.
- Upgrade ONVIF version to 18.12.
- Support setting multiple languages for host name, video title, etc.
- Users can download a specific time interval recording from SD card.

- Embedded Genetec protocol.
- Removed Genetec package.
- Removed DDNS forget key button.
- Change the default authentication of streaming protocol from basic to digest.

Bugs Fixed:

- Fixed CVE-2019-14457, Stack-based buffer overflow via a crafted HTTP header.
- Fixed CVE-2019-14458, Allow a denial of service via a crafted HTTP header.
- Fixed CVE-2019-14477 SACK Panic (Linux >= 2.6.29)
- Fixed CVE-2019-11478 SACK Slowness (Linux < 4.15) or Excess Resource Usage (all Linux versions)
- Fixed CVE-2019-11479 Excess Resource Consumption Due to Low MSS Values (all Linux versions).
- Fixed no streaming via multicast issue when using Genetec Security center.
- Fixed an issue in which SD card playback on multiple web clients could cause playback fail.
- Fixed an issue in which formatting SD card could cause other service fail.
- Fixed an issue in which users can set http port to empty by CGI commend.
- Enhanced the stability of firmware upgrade.
- Fixed wrong fps information display in 3rd party software.

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- If sending a file to the NAS event action, the NAS will not receive the file and the mounting status might become Error.

Release Version: 0104j

Date: 2019/05/27

New Feature:

- N/A

Changed Feature:

- Upgrade ONVIF version to 18.06
- Upgrade Web API to 0311c.
- Upgrade Genetec package to 1.a0.3.2.
- Change the default access name for HTTP/RTSP stream format.

Bugs Fixed:

- Fixed CVE-2019-10256, an authentication bypass vulnerability.
- Fixed Genetec package crash issue when smart motion is enabled.