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Product Name: <FD9365-HTV>  
Release Version: <0117b>  
Date: <2019/06/05>  
Product Type  Camera  NVR  Software

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## **New Feature:**

- Support Trend Micro event.
- Support Stratocast.
- Support VIVOCloud.
- Support ONVIF OSD.
- Support Smart VCA.
- Support Smart Motion Detection.
- Support Standard VCA.

## **Changed Feature:**

- Upgrade ONVIF version to 18.06.
- Upgrade Web API to 0311d.
- Change the default access name for HTTP/RTSP stream format.
- Build in Genetec package version 1.0a.a0.3.2.

## **Bugs Fixed:**

- Fixed CVE-2019-10256, an authentication bypass vulnerability.
- Fixed VAST reconnect issue if set event recording in VAST.
- Fixed an issue in which upgrading firmware gets stuck after a certain operation of VADP.
- Fixed a lot of “unable to get data length from buffer” logs issue when enable motion detection.
- Fixed camera IP change to 127.0.0.1 issue after reboot when Stratocast is enabled.
- Fixed Genetec package crash issue when smart motion is enabled.

**Release Version: <0109a>**

**Date: <2018/12/11>**

## **New Feature:**

- Support Trend Micro package.
- Support plugin-free streaming.
- Support shock detection.
- Support IR cut filter day/night mode could sync with multiple digital inputs.
- Support standard VCA package.
- Support Smart motion package.
- Added metering mode.
- Added deblur in scene mode.

## **Changed Feature:**

- Upgraded Web API to 0311b.
- Upgraded smart SD card version to 1.0.1.4.
- Remove "Customsafe100" from Configuration > Network > DDNS > Provider list.
- Change from pop-up window to notification when uploading configuration file.
- Disable CSRF mechanism after reset to factory mode and will be enable after setting password in factory mode.

## Bugs Fixed:

- Fixed CVE-2018-18244, persistent XSS via HTTP Referer header.
- Fixed CVE-2018-18005, DOM-Based XSS vulnerability in camera event\_script.js
- Fixed CVE-2018-18004, a notification will show on camera home page when hidden service has been enabled.
- Fixed an issue in which firmware upgrading gets stuck if turn on Trend Micro.
- Fixed Trend Micro display incorrect status in package management page.
- Fixed Trend Micro IoT Security incorrect status in Trend Micro setting page.
- Fixed Trend Micro current version become invisible after upgrade signature issue.
- Fixed failed to upload VADP package issue.
- Fixed root password cannot be set in factory mode.
- Fixed cannot set custom subnet mask in camera Network configuration page.
- Fixed an issue in which smart FPS works incorrectly when WDR Pro is enable.
- Fixed an issue in which NAS cyclic storage deletes all recordings, only the last day left.
- Fixed an issue in which IR adjustment may not work as expected while adjust angle.
- Fixed drop frame issue when WDR/Linear auto switch.
- Fixed AE hunting issue when set to WDR mode +0.7EV after reboot.

**Release Version: <0106b>**

**Date: <2018/08/22>**

**New Feature:**

- N/A

**Changed Feature:**

- CGI and web UI no longer supports the following characters: \$, (, )

**Bugs Fixed:**

- Fixed CVE-2018-14769, CSRF(Cross-site request forgery) vulnerability. Mitigation by using User-Agent and referer to check and identify the source of request. \*
- Fixed CVE-2018-14770, allows authenticated users to execute arbitrary commands on a vulnerable version via ONVIF interface (/onvif/device\_service).
- Fixed CVE-2018-14768, allows authenticated users to execute arbitrary commands on a vulnerable version via update\_lens.cgi.
- Fixed CVE-2018-14771, allows authenticated users to execute arbitrary commands on a

vulnerable version via eventscript.cgi.

- Fixed event log cannot be appeared correctly in VAST when profile motion 1~5 is triggered.
- \* Please note that after updating to this firmware version you won't be able to use the browser to execute CGI commands to the camera. If you require to execute CGI commands from the browser, please temporarily disable the CSRF protection function (Configuration -> Security -> Miscellaneous -> uncheck "Enable Cross-Site Request Forgery(CSRF) Protection"). Be sure to change back the function as soon as the command has been executed.