VIVOTEK
A Delta Group Company

Release Note

Product Name:	< SD9367-EHL >
Release Version:	< 1.2602.38.01c >
Date:	< 2026/07/17 >
Product Type	☒ Camera ☐ NVR ☐ Software

New Feature:

- Added support for RealSight Auto Focus for PTZ cameras.

Changed Feature:

- Added RTSP/RTSPS session timeout configuration.
- Added weak certificate blocking conditions and warning messages in Camera Certificate Management.
- Enhanced operator permission controls to allow detailed privileges to be granted or revoked.
- Added event log alignment for Tampering, Audio Detection, and Shock Detection.
- Changed image operation behavior to remove affected VCA rules when video mode, mirror, flip, or EIS settings are changed.
- Added support for customizing camera branding, including theme, logo, logo link, background image, browser tab title, and favicon.
- Changed the default hostname format from extended model name to model name-MAC address for easier camera identification.

Pre-view Feature:

- N/A

Bugs Fixed:

- Fixed an issue where audio in recordings stops after 10 seconds.
- Fixed an issue where date-time overlay will disappear after a reboot when the "Zoom factor display" is disabled.
- Fixed an issue where stream1 and stream2 displayed greenish images.
- Fixed an issue where the camera experiences disconnections on VSS.
- Fixed an issue where the camera happens disconnection associated with a memory leak condition.
- Fixed an issue where the SDP returned by the RTSP server should not include audio track information when the camera does not support audio.
- Fixed an issue where the audio file cannot be played completely on the camera.

Relevant module and package information:

- Web API version 0331c
- VADP version 1.6.1.1
- Stratocast version 1.xx.a1.6.0
- Trend Micro pkg version 1.3g.a2.14.0_1.097
- Genetec Protocol version v3.0.3.6
- Onvif version 25.06
- Smart Tracking Advanced v7.16.12.1
- Event action through Http/Https 1.4.6

Known Issue:

- Privacy mask alignment issue: when the drawn box is positioned outside the central area of the camera's field of view, there may be a discrepancy between the drawn box and actual effective position.
- PTZ adjustment with maximum zoom: at maximum zoom levels, when drawing a privacy mask, changes in the camera's pan, tilt or zoom settings may cause objects that should be obscured to become visible.
- EIS adjustment requirement: when EIS is enabled, due to changes in the field of view, it may be necessary to reset the privacy mask.

Limitation:

- N/A

Important Notice:

- N/A

Release Version: <1.2601.38.01f>
Date: <2026/05/29>
New Feature:

- N/A

Changed Feature:

- MAC address filter support for enhanced network access control. (Web API 0329d)
- Nginx limit control and security header improvements. (Web API 0329d)
- Updated OSS modules to address CVE risks up to 2024. (Web API 0329d)

- A new restore method is available to wipe all user data. (Web API 0329d)
- UPnP presentation is now disabled by default. (Web API 0329d)
- CSRF protection has been extended for improved security. (Web API 0329d)
- System log now supports type filtering. (Web API 0329d)
- First login security enforcement and password expiration policy for account management. (Web API 0329d)
- Added an option to disable Web interface access to the camera Web UI. (Web API 0330d)
- Enhanced remote log server to support TLS and up to two log servers. (Web API 0330d)
- Updated system log format to follow RFC5424. (Web API 0330d)
- Added an option to configure whether Audit logs are merged into System logs. (Web API 0330d)
- Introduced configurable system log levels with the following levels: (Web API 0330d)
    - 0: LOG_EMERG – system unusable
    - 1: LOG_ALERT – action must be taken immediately
    - 2: LOG_CRIT – critical conditions
    - 3: LOG_ERR – error conditions
    - 4: LOG_WARNING – warning conditions
    - 5: LOG_NOTICE – normal but significant condition
    - 6: LOG_INFO – informational messages
    - 7: LOG_DEBUG – debug-level messages
- Enabled idle timeout return to the previous action or preset point. (Web API 0330d)
- Enabled rule-free metadata output. (Web API 0330d)
- Enabled area zoom for Milestone integration. (Web API 0330d)
- Added WebSocket-based real-time status handling for VADP package upgrade. (Web API 0330d)
- Introduced custom language support on the Web portal. (Web API 0330d)
- Introduced content search on the Web portal. (Web API 0330d)
- Auto Tracking for Camera Link is no longer supported. (Web API 0330d)
- Added an Enforce HTTPS only option in Factory Mode, allowing users to restrict Web access to HTTPS only. (WEB API 0330d)
- Upgrade SMART SD and add support for SanDisk Video VD QD131 (SDSDQAS5-256G/512G/1T00/1T50) and Video VD QD111 (SDSDQAS4-032G/064G/128G) MicroSD cards.

Pre-view Feature:

- N/A

Bugs Fixed:

- Fixed an issue where the camera might occasionally experience drops off in the FLIR system.
- Fixed an issue where a potential clickjacking vulnerability in the web application was identified by a security scanning tool.
- Fixed an issue where using a lowercase "t" in the Text String under Overlay Settings, with Text Type set to Customized, caused the time format to switch to 12-hour.
- Fixed an issue where the camera link status remained displayed as "HTTP transmission failed" when the network response time was slow.
- Fixed an issue where the camera did not return to an online status in Nx Witness after it was power-cycled.
- Fixed an issue where the camera's actual time and NVR recording time mismatch.
- Fixed an issue where PTZ stopped working after a while.
- Fixed an issue where the camera was unable to send VCA events to Nx Witness after being connected for a period of time.

Relevant module and package information:

- Web API version 0330d
- VADP version 1.6.1.1
- Trend Micro pkg version 1.3g.a1.14.0_1.095
- Genetec Protocol version v3.0.3.6
- Onvif version 25.06
- Smart tracking Advanced 7.15.3.2
- Event action through Http/Https 1.4.6

Known Issue:

- Privacy mask alignment issue: when the drawn box is positioned outside the central area of the camera’s field of view, there may be a discrepancy between the drawn box and actual effective position.
- PTZ adjustment with maximum zoom: at maximum zoom levels, when drawing a privacy mask, changes in the camera’s pan, tilt or zoom settings may cause objects that should be obscured to become visible.
- EIS adjustment requirement: when EIS is enabled, due to changes in the field of view, it may be necessary to reset the privacy mask.

Limitation:

- N/A

Important Notice:

- Starting from FW2601, Auto Tracking for Camera Link is no longer supported. Please verify deployment and integration behavior if this function is currently in use.

Release Version: <1.2501.38.01i>
Date: <2025/11/11>
New Feature:

- Support for up to 20 camera event
- Enhanced event integration with Genetec through standardized video analytic event
  - Missing detection → object removed
  - Loitering detection → loitering
  - Intrusion detection (true) → object entered
  - Intrusion detection (false) → object exited
  - Unattended object detection → object left
  - Line crossing detection → object crossed line
- Smart SD event integration with Genetec through custom event
  - SD card ejected
  - SD card error
- Administrators can now enable or disable user accounts directly on the camera, improving account-level access control and system security.

Changed Feature:

- Added support for removing DHCP/Fixed IP settings via configuration file.
- SmartSD will remount as read-only when either SpareBlockRate > 90% or Lifetime > 90% is reached, ensuring data integrity.
- Supports exporting application logs to a centralized syslog server for unified monitoring.
- Server status reports are now encrypted when exported to enhance data security.
- Includes query history in the audit log for improved traceability.
- Limits RTSP and SIP connections when the camera is in factory default mode to enhance security.
- During patrol, the camera supports fast pan/tilt transitions while freezing the image to provide a smoother viewing experience.

Pre-view Feature:

- N/A

Bugs Fixed:

- Fixed an issue where missing newline characters in the certificate would result in an "Invalid public key" status after upload.
- Fixed an issue that motion artifact appears on decoded H.264 RTSP streaming after the camera reboots.
- Fixed the camera's IP address will be set to 0.0.0.0, after adding Genetec.
- Fixed an issue that Smart Motion Detection angle becomes -999 after upgrading firmware.
- Fixed an issue where the camera becomes inaccessible after working with Milestone via ONVIF for an extended period.
- Fixed an issue where the camera could disconnect from the third-party CMS when the CMS simultaneously sent a large number of audio-related requests.

Relevant module and package information:

- Web API version 0328d
- VADP version 1.6.0.1
- Trend Micro pkg version 1.3g.a1.12.0_1.091
- Genetec Protocol version v3.0.3.4
- Onvif version 24.12
- Smart tracking Advanced 7.14.4.5-3g
- Event action through Http/Https 1.4.4

Known Issue:

- Privacy mask alignment issue: when the drawn box is positioned outside the central area of the camera’s field of view, there may be a discrepancy between the drawn box and actual effective position.
- PTZ adjustment with maximum zoom: at maximum zoom levels, when drawing a privacy mask, changes in the camera’s pan, tilt settings may cause objects that should be obscured to become visible.
- EIS adjustment requirement: when EIS is enabled, due to changes in the field of view, it may be necessary to reset the privacy mask.

Limitation:

- N/A

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Important Notice:

- Increased the file upload limit from 256MB to 512MB
  - Please be informed that in firmware versions prior to FW 2403, the maximum upload file size was limited to 256MB. Starting from FW version 2403, this limit has been increased to 512MB.
  - If you need to upload a firmware file or any other file larger than 256MB, please make sure your device is updated to FW 2403 or later before proceeding.

Release Version: <1.2501.38.01h>
Date: <2025/10/20>
New Feature:

- First Release.
- Support for up to 20 camera event
- Enhanced event integration with Genetec through standardized video analytic event
  - Missing detection → object removed
  - Loitering detection → loitering
  - Intrusion detection (true) → object entered
  - Intrusion detection (false) → object exited
  - Unattended object detection → object left
  - Line crossing detection → object crossed line
- Smart SD event integration with Genetec through custom event
  - SD card ejected
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- Limits RTSP and SIP connections when the camera is in factory default mode to enhance security.

- During patrol, the camera supports fast pan/tilt transitions while freezing the image to provide a smoother viewing experience.

Pre-view Feature:

- N/A

Bugs Fixed:

- N/A

Relevant module and package information:

- Web API version 0328c
- VADP version 1.6.0.1
- Trend Micro pkg version 1.3g.a1.12.0_1.091
- Genetec Protocol version v3.0.3.3
- Onvif version 24.12
- Smart tracking Advanced 7.14.4.5-3g
- Event action through Http/Https 1.4.4

Known Issue:

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Limitation:

- N/A

Important Notice:

- N/A