VIVOTEK
A Delta Group Company

Release Note

Product Name:	< VC9101 >
Release Version:	< 2.2403.34.01f >
Date:	< 2026/08/21 >
Product Type	☒ Camera ☐ NVR ☐ Software

New Feature:

- RTSP Encryption over TLS.
- Supported SNMP Traps:
  - Rebooting
  - Booted
  - Alive
  - Audio Detection
  - Shock Detection
  - Tampering Detection
  - Motion Detection
- SNMP MIB Extensions:
  - SD Card Usage:
    - SD Card Mount Status
    - SD Card Total Size
    - SD Card Free Space
    - SD Card Life Expectancy
  - Video Information:
    - Video Resolution
    - Video Codec
  - Health Monitoring:
    - CPU Utilization
    - RAM Usage
    - Configuration Changes (Time of last modification)
    - Recording Status (Indicates whether recording is active)
- Event Actions improvement:
  - Support for HTTP and HTTPS servers
  - GET and POST methods supported
- Supported Onvif Profile M
- Transitioned from the legacy Camera web interface to an enhanced version, now supporting H.265 and AAC playback over secure HTTPS connections.
- Extended the Camera Event action to include support for HTTPS connections, in addition to

- the existing HTTP support
- Unified management for encryption certificates enhances security, simplifies operations, and supports setting certificate expiration notification events
- Support RealSight Engine
- Support new stream overlay settings

Changed Feature:

- Default maximum number of groups for media profile
- Increased the file upload limit from 256MB to 512MB.
- Removal of G.726 Support in Camera Web Audio.
- Removal of support for displaying the red box indicating motion detection on the Motion Detection page when using an HTTPS connection.
- Enhanced the viewing window to support streaming capabilities.

Bugs Fixed:

- Fixed an issue that the camera switches between day and night modes at night after a firmware update.
- Fixed an issue where Dynamic Text Overlay did not display special or non-ASCII characters correctly on the OSD.
- Fixed an issue that motion artifact appears on decoded H.264 RTSP streaming after the camera reboots.
- Fixed an issue that the camera's IP address will be set to 0.0.0.0, after adding Genetec.
- Fixed an issue where allowing unsupported special ASCII characters in user passwords caused authentication issues during login.
- Fixed an issue where the camera's webpage did not respond after port forwarding a newly added camera in the NVR.
- 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 becomes inaccessible after working with Milestone via ONVIF for an extended period.
- 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.



Relevant module and package information:

- Web API version 0327d_3
- VADP version 1.6.0.1
- Trend Micro pkg version 1.4e.a1.11.0
- Genetec Protocol version v3.0.2.12
- Deep Learning VCA PKG Version 7.13.7.3-4e
- Onvif version 24.6.1.6

Known Issue:

- N/A

Limitation:

- N/A

Important Notice:

- New web interface enabled by default.
- Please be aware that some settings in the new web interface may take longer to be applied due to increased process complexity.

Release Version: <2.2402.34.01f>
Date: <2024/12/16>
New Feature:

- N/A

Changed Feature:

- N/A

Bugs Fixed:

- CVE-2024-6387, An unauthenticated code execution vulnerability in OpenSSH.

Relevant module and package information:

- Web API version 0326d
- VADP version 1.6.0.0
- Trend Micro pkg version 1.3e.a1.11.0



- Genetec Protocol version v3.0.2.10
- Deep Learning VCA PKG Version 7.12.2.7
- Onvif version 23.12

Known Issue:

- N/A

Limitation:

- N/A

Important Notice:

- N/A

Release Version: <2.2401.34.01f>

Date: <2024/12/05>

New Feature:

- Unified management for encryption certificates enhances security, simplifies operations, and supports setting certificate expiration notification events.

Changed Feature:

- Support new stream overlay settings (new web interface only):
- Image overlay
- Live streaming indicator
- Dynamic text overlay

Bugs Fixed:

- Fixed the camera's probabilistic occurrence of showing a 500 server error when utilizing CGI commands to capture images.
- Fixed the camera randomly disconnecting and showing an abnormal live view when added to VAST2.
- Fixed no image after power loss or disconnection from the network if the camera is set to use ONVIF H.264 High profile.
- Fixed an issue when editing camera link configuration and clicking test function, it shows fail.
- Fixed the bug that motion detection doesn't work sometimes after uploading the backup file.



- Fixed an issue where the camera's network would fail and return to normal after unplugging the SD card.
- Fixed an issue that the network QoS settings cannot be saved in the camera web UI.
- Fixed an issue where, when adding a camera to VAST 2 and enabling seamless recording, after rebooting the camera or upgrading its firmware, VAST 2 might not be able to receive the stream from this camera.
- Fixed an issue that after adding the camera to Qognify, it is unable to connect properly using RTSP over HTTP
- Fixed an issue when the camera sets the codec to H.265, it cannot get any streams from ONVIF clients/devices.
- Fixed the issue that network connection works abnormally after importing configuration file exported from another camera.
- Fixed an issue where the camera would show as disconnected in tour view.
- Fixed an issue where the recorder could not function when using the old interface for recording integration.
- Fixed an issue where the camera's configuration would become corrupted if the camera's power was shut down during its booting process.

Relevant module and package information:

- Web API version 0325d
- VADP version 1.5.1.2
- Trend Micro pkg version 1.3e.a1.10.0
- Genetec Protocol version v3.0.2.1
- Deep Learning VCA PKG Version 7.11.6.5
- Onvif version 23.12

Known Issue:

- N/A

Limitation:

- N/A

Important Notice:

- N/A



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Release Note

Release Version: <2.2204.34.01d>
Date: <2023/5/08>

New Feature:

- Support for account block to deny consecutive invalid access during a configurable time period on the user account page.
- Support for audit log related to security events on the system page.
- Support for session timeout to protect further access by initiating a session lock after a configurable time period of inactivity on the miscellaneous page.
- Support for configurable password strength.
- Support for display a system use notification message before authentication.
- Support Https certificate CSR and private key upload method. (Web API 0320a)
- Support MPEG-2 AAC-LC audio type. (Web API 0320b)
- Support NTP server redundancy. (Web API 0320a)
- Added support for SRTP on Genetec Security Center.
- Added support Genetec Certificate Management. (Genetec SC#5.11 or above)

Changed Feature:

- Upgrade SMART SD and add support for Micron i400 series MicroSD card.
- Support IEEE802.1x with TLS v1.2 and deprecation of TLS v1.0/v1.1.
- Support MPEG-2 AAC-LC with Genetec.
- Removed support Safe100.net DDNS server. (Web API 0320a)
- Removed support express link. (Web API 0320a)

Bugs Fixed:

- Improved compatibility of Aimetis Symphony back-end system.
- Corrected rare occasional no effect for Smart Codec.
- Fixed CVE-2022-0778, An infinite Loop Bug in OpenSSL
- Fixed cannot send motion events to Genetec after a period of time.
- Fixed Security Center authorization fails when the network is unstable.
- Fixed devices stopped sending Genetec motion events after an SD card error.
- Fixed after uploading the configuration, the camera angle will be -999.
- Fixed a potential motion area issue when ROI home is set to 0 under ePTZ.
- Fixed the VCA Package function abnormality to cause the VAST 2 cannot to perform playback.
- Fixed the camera doesn't reply when using POST to set time or audio codec.
- Fixed the ROI changes after the camera reboot.



Relevant module and package information:

- Web API version 0322c
- VADP version 1.5.1.1
- Genetec Protocol version v2.2.5.2
- Trend Micro pkg version 1.3e.a1.9.1
- FaceCheck PKG Version 6.20.1.0-3e
- Onvif version 21.06

Known Issue:

- N/A

Limitation:

- N/A

Important Notice:

- Not support Safe100.net DDNS server. (Web API 0320a)
- Not support express link. (Web API 0320a)

Release Version: <2.2201.34.01g>

Date: <2022/5/27>

New Feature:

- First Release.

Changed Feature:

- N/A

Bugs Fixed:

- N/A

Relevant module and package information:

- Web API version 0319a
- VADP version 1.5.1.0
- Stratocast version 1.3e.a1.6.0
- Trend Micro pkg version 1.3e.a1.9.1
- Genetec Protocol version v2.2.1.1



- Onvif version 21.06