

---

Product Name: < IT9383-HVW >  
Release Version: < 1.2501.43.01h >  
Date: < 2025/12/05 >  
Product Type  Camera  NVR  Software

---

## New Feature:

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

## 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.

## Pre-view Feature:

- N/A



## Bugs Fixed:

- Fixed an issue where the camera would display a "500 Internal Server Error" when the power supply was insufficient.
- Fixed an issue in the camera firmware with the bundle Genetec Protocol version before 2.2.5.1, which caused the camera to go offline from the Genetec Security Center unexpectedly.
- Fixed the camera's IP address will be set to 0.0.0.0 ,after adding Genetec.
- Fixed an issue where the camera could randomly reboot multiple times per month.
- 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 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.
- Fixed an issue where unsupported special ASCII characters in user passwords could cause authentication failures during login.

## Relevant module and package information:

- Web API version 0328d\_5.
- VADP version 1.6.0.1.
- Trend Micro pkg version 1.4e.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:

- N/A

## Limitation:

- N/A

## 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: <1.2403.43.01f>**

**Date: <2025/04/02>**

### **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

## 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.

## 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.

## 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:

- N/A

**Release Version: <1.2402.43.01j>**

**Date: <2025/01/20>**

**New Feature:**



- N/A

## Changed Feature:

- N/A

## Bugs Fixed:

- Ensure smart hybrid illuminator works while motion event triggers during day/night mode switching

## 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: <1.2402.43.01h>**

**Date: <2025/01/06>**

## New Feature:

- Event action supports HTTPS
- Camera web support H.265 & AAC
- Web UI Refactor (Official)
- Smart hybrid illuminator



## Changed Feature:

- N/A

## Bugs Fixed:

- 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:

- 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: <1.2401.43.01h>**

**Date: <2024/10/04>**

## New Feature:

- First release.

## Changed Feature:

- N/A.

## Bugs Fixed:

- N/A.



## Relevant module and package information:

- Web API version 0325c
- VADP version 1.5.1.2
- Trend Micro pkg version 1.3e.a1.9.1
- Genetec Protocol version v3.0.2.1
- Deep Learning VCA PKG Version 7.11.6.5.4e
- Onvif version 23.12

## Known Issue:

- N/A

## Limitation:

- N/A

## Important Notice:

- N/A

