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To refer to the version history V8.7.1 or earlier, click [here](#)



GV-DVR / NVR Version History

Version 8.9.1 2020-11-10

Modified:

- Upgrade to V8.9.1 or later not allowed for Windows 7 / Server 2008 / Server 2008 R2

Version 8.9.0 2020-10-26

New:

- Support for two-way audio for devices connected through ONVIF
- Support for GV-QSD5730 and GV-QSD5731-IR
- Support for remote live view and playback on non-IE browsers with JavaScript Decoder via WebCam Server

Improved:

- Displaying and requiring password strength to be “Normal” or above upon creating / changing login passwords

Fixed:

- Chances of system error after modifying attributes in Counter/Intrusion Alarm Setting (Patch V8.8.0.2)
- Inability to use the pan/tilt buttons on PTZ Control Panel when connected to the following models (Patch V8.8.0.4):
 - Hikivision DS-2DE4220IW-D / DS-2DE4225IW-DE / DS-2DE7230IW-A / DS-2DE7182-A
- Inability to display live view and playback when a NVIDIA graphic card is installed on the PC (Patch V8.8.0.7)
- Inability to apply Preset Set and Preset Go to certain 3rd-party cameras (ISIS-MBL2012) (Patch V8.8.0.7)
- Chances of system error when accessing Visual PTZ (Patch V8.8.0.7)
- Inability to apply PTZ functions to AXIS PT-Mount Thermal Camera connected through ONVIF (Patch V8.8.0.7)
- Possible connection failure on certain 3rd-party cameras (ONVIF-IPNC T38J3-ONVIF-P2P) (Patch V8.8.0.7)
- Chances of image size error of AVI files when saving capture-card images with the original



image size selected (Patch V8.8.0.7)

- Inability to apply Preset Set and Preset Go to certain 3rd-party cameras (ISIS-MSD5000) (Patch V8.8.0.8)
- Inability to play back video at the speed of x16 or x32 in Frame by Frame playback mode (Patch V8.8.0.8)
- Inability to open the files saved in EXE format (Patch V8.8.0.8)
- Rare chances of system error upon starting GV-NVR (Patch V8.8.0.8)
- Inability to apply Preset Set and Preset Go to certain 3rd-party IP cameras (ISIS-MBL2112PTZ, ISIS-MBL5112PTZ, ISIS-MBL2012PTZ, MS-C5371-X23HPB, MS-C5361-EPB, MS-C2942-B) (Patch V8.8.0.10)
- Inability to download OCX files when accessing WebCam Server (Patch V8.8.0.10)
- Failure to display POS data on Main Stream of GV-Eye V2.4.2 mobile app when using POS Text Sender (Patch V8.8.0.11)
- Inability to connect the hosts of GV-Video Gateway, connecting to GV-DVR, to GV-Failover Server (Patch V8.8.0.13)
- Inability to display live images on the bottom 4 divisions when using a layout of 2 large and 8 small divisions (Patch V8.8.0.15)
- Recording by motion becomes round-the-clock recording once triggered when pre-recording was enabled (Patch V8.8.0.15)
- Inability to utilize Intel GPU decoding for channels beyond 16 (Patch V8.8.0.15)
- Audio malfunction on the recordings exported with H.264 or WMV9 video format playing with Media Player on Windows 10 (Patch V8.8.0.15)
- Chances of displaying the message “Video lost” on the live view of GV-Video Server connected (Patch V8.8.0.15)
- Possible display of inverted images, same images on different channels, as well as green, black, or white images (Patch V8.8.0.16)
- Chances of system error after restarting GV-NVR connected to remote applications (Patch V8.8.0.17)
- Inability to trigger outputs of the connected GV-VS02A after restarting GV-NVR (Patch V8.8.0.19)
- Misplacement and inability to display live images on the 11th and 12th divisions when using a layout of 1 large and 12 small divisions (Patch V8.8.0.19)
- Inability to connect to AXIS P3225-LVE Mk II and ACTi ACM-3511 via ONVIF (Patch V8.8.0.19)
- Inability to use the PTZ functions of the following models connected via ONVIF (Patch



V8.8.0.19):

- Hikivision DS-2DF7286-AW / DS-2DF8236I-AELW / DS-2DF8223I-AEL
- Sony SNC-EP550
- Chances of inability to access the PTZ functions of connected PTZ cameras (Patch V8.8.0.20)
- Chances of live image lag from 8 MP GV-ABL / AVD / EBD / TBL / TVD series (Patch V8.8.0.21)
- Chances of delayed and discontinuous live images from GV-ABL / ADR / AVD / EBD / TBL / TDR / TVD series with a low bit rate setting under 1 Mbps on Windows 7 (Patch V8.8.0.21)
- Chances of failure to remove the message “Video lost” from the live view of GV-Video Server connected after it was rebooted (Patch V8.8.0.23)
- Chances of system errors when playing back recorded video files on ViewLog (Patch V8.8.0.24)
- Chances of blurry image when a smaller channel is switched to a larger channel in Multi View mode on ViewLog (Patch V8.8.0.24)
- Chances of restarting the WebCam Server every 2 to 3 minutes caused by watchdog error (Patch V8.8.0.25)
- Possible display of gray screen on the live view of GV-ABL / AVD / EBD / TBL / TVD series or GV-SD3732 connected (Patch V8.8.0.26)

Changed:

- Audio codec changed to MP3

Modified:

- End of support for Windows 7 / Server 2008 / Server 2008 R2
- Copyright notices added to the Installer and accessible within the software directory



Version 8.8.0 2019-02-18

New:

- Support for connecting to GV-Eye V2.7 with a QR code scan
- Playback Log to record historical playback activities of recorded videos
- Ability to choose from multiple network adapters on the Scan Camera dialog box
- Support for AES encryption from GV-IP Camera H.265 firmware V1.14 or later
- Ability to reinstall or upgrade the system through GV-DVR / NVR installer
- Support for 3840 x 2160 panel resolutions
- Support for GPU decoding on the 8th Generation Coffee Lake platform

Improved:

- Improved video quality saved in AVI format

Fixed:

- Chinese preset names entered on the GV-SD3732's Web interface appearing gibberish on GV-DVR / NVR
- Failure to receive input signals from Hikvision Camera
- Chance of the system behaving abnormally after connecting to the Authentication Server

Changed:

- Colorful mode removed



Version 8.7.6 2018-10-22

New:

- Support for new GV-IP devices
 - Bullet IP Camera (GV-ABL2701 / ABL2702 / ABL4701 / ABL4712 / ABL8712 / BL2702-3V / BL2702-4V / BL2702-5V / BL4702 / BL4713 / BL5713)
 - Mini Fixed Rugged IP Dome (GV-ADR2701 / ADR4701)
 - Target Eyeball Dome (GV-EBD2702 / EBD4711 / EBD8711)
 - Target Bullet Camera (GV-EBL4711)
 - Vandal Proof Dome (GV-AVD2700 / AVD4710 / AVD8710 / GV-VD2712 / VD4702 / VD4712 / VD5702)
 - Video Server (GV-VS2401 / VS21600)
 - OPAL Series (GV-OPAL E1)
 - IR IP Speed Dome (GV-SD2723-IR / SD2733-IR)
 - IP Speed Dome (GV-SD2301 V2/SD2411 V2)
- Compliance with the European Union's General Data Protection Regulation (GDPR)

Improved:

- Ability to access WebCam Server using the same URL on a different computer without re-entering its login page

Fixed:

- Black screen image and missing resolution and codec data in the Camera List when IP devices are connected through RTSP
- Possible live view failure or green screen display caused by codec errors
- System failure caused by connecting to the camera with the name exceeding 32 characters in length through ONVIF
- Live view of Hikvision DS-2CD23335FWD-I F/W V5.5.0 or later not shown on GV-VMS V16.11.0.0
- Inability to connect Hacking Hi3518 through ONVIF
- Inability to access the input function when cameras with I/O functions are connected through ONVIF
- Audio not received or distorted when connecting to Dahua IPC-HFW5421E-Z through ONVIF



- Chances of system not responding if using too many keywords to search for POS events with the Advanced Log Browser
- System abnormality when applying the added cameras from Camera Scan to the screen layout after installing GV-NVR Patch File V8.7.4.008 / V8.7.4.013 / V8.7.4.0.100
- Stream 1 of GV-DVR with capture cards becoming unswitcable after connecting to GV-Eye
- Displayed dates of the End time becoming garbled with the Event List Query function on the Webcam Server
- Chances of GV-I/O Boxes connected to GV-DVR/NVR behaving abnormally after they are powered off and on
- Motion becoming undetectable after clicking OK and then Cancel on the Advanced Motion Detection Setup dialog box when monitoring is started



Version 8.7.4 2017-10-24

New:

- Support for 3rd party I/O devices that are connected to a 3rd party IP Camera through ONVIF
- Support for GV-I/O Box 4E

Fixed:

- Inability for 3rd party devices to connect with GV-DVR / NVR due to dongle port conflict errors
- Inability for certain GV-IP cameras to connect with GV-DVR / NVR due to Mac address conflict errors
- Inability for GV-IP cameras with a GV-WiFi Adaptor to connect with GV-DVR / NVR due to Mac address conflict errors
- Playback freezing when using the Zoom In button on the Playback Panel of ViewLog Player
- Instant Play stopped after 10-20 seconds when viewing multi-channel playback of Analog Cameras with GV-DVR
- Video missing with GV-DVR / NVR when the Pre-Rec and the Motion Detect are enabled and the duration of motion detection lasts over the defined length of video clip
- Connection with GV-Control Center ended when the inter-stream switching is frequent at the GV-Control Center end
- Problem which the Key Lock Utility mistakenly requests the user ID and password when adding a program onto the Customize menu
- Possible image freeze of connected fisheye cameras



Version 8.7.3 2017-07-11

New:

- Support for GPU decoding on the 7th Generation Kaby Lake platform
- New saving options in Merging Log and Backup Log function to save files in excel format
- Implementation of a password strength meter
- Support for the connection setting of GV-VS2400 / 2800 series when adding IP devices to GV-IP Decoder Box Plus using GV-IP Device Utility V8.7.0.0

Fixed:

- Failure to log onto GV-DVR / NVR when the Search POS data / POS Live View option under the Multicab tab of Password Setup is not selected and the Startup Auto Login is enabled
- Inability for GV-DVR / NVR to run PTZ cameras that are connected to GV-VS2400 / 2420
- Occasional display of Video Lost messages when GV-DVR / NVR is connected to GV-VS2400
- Failure to restart GV-DVR / NVR due to recurring deletion of temporary attachments when e-mail notification is enabled
- Excessive DLL files loading while performing Advanced Video Analysis
- Rare chance of not being able to reconnect to Panasonic WV-NW484 after disconnection
- PTZ camera's automatic sequences miscounted as idle time when the PTZ Inactivity option is activated
- Setting button on the Profile Select window unable to respond when connecting to GV-EBD4700 using ONVIF
- Failure to clear Pre-Recording files of non-motion events automatically
- Inability for Windows 10 to run the exe files generated by the Save as AVI function and to use another video player due to conflicts with Movies & TV
- Inability for ViewLog to play videos in H.265 standard codec
- Inability for GV-DVR / NVR to start ViewLog due to a programming error in GeoImageProcess_8200.ini
- Rare chance of GV-DVR / NVR crashing when retrieving POS videos from ViewLog using the Search POS Data function
- Rare chance of GV-Control Center server failing to activate when both the Control Center Server and WebCam Server are enabled at system startup
- CPU peaking when the Max. FPS option under the Mobile tab of Web Server settings is set below 30



- Rare chance of Event List Query's failure due to inability to access GV-DVR / NVR's database
- The Port of Mobile Settings under WebCam Server setup being closed automatically by Windows after GV-DVR / NVR recovers from a system failure
- WebCam Server ceased functioning after being enabled for a period of time
- H.265 compression type not added to AVI Repair Utility
- Time display error on GV-IP Device Utility when Windows entering the Daylight Savings Time
- Automatic entry of invalid characters when using the soft keyboard to log onto GV-Desktop
- Failure to run DMPOS.exe under User privilege in Windows

Improved:

- Support for up to 10 query fields for the POS category with the Event List Query function on the WebCam server