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GV-IP Camera Version History

Firmware V1.28 2021-01-06

Firmware V1.28 applies to the following GV-IP Camera models

- GV-BL4713 / 5713
- GV-EBL4711
- GV-VD2712 / 4711 / 4712 / 5711

Fixed:

- Focusing failure after restarting the camera

Firmware V1.27 2020-11-11

Firmware V1.27 applies to the following GV-IP Camera models

- GV-BL2702 Series / 3700 / 4702 / 4713 / 5700 / 5713
- GV-BX2700 Series / 4700 Series / 4700-E / 5700 Series / 2700-FD / 4700-FD
- GV-EBL4702 Series / 4711
- GV-EDR4700 Series
- GV-EFD4700 Series
- GV-EFER3700 / 3700-W
- GV-FER5700 / 5701
- GV-MFD2700 Series / 4700 Series
- GV-VD2702 / 2712 / 3700 / 4702 / 4711 / 4712 / 5700 / 5711

Modified:

- Certain audio codec removed



Firmware V1.26 2020-06-15

Firmware V1.26 applies to the following GV-IP Camera models

- GV-BL2702 Series / 3700 / 4702 / 4713 / 5700 / 5713
- GV-BX2700 Series / 4700 Series / 4700-E / 5700 Series / 2700-FD / 4700-FD
- GV-EBL4702 Series / 4711
- GV-EDR4700 Series
- GV-EFD4700 Series
- GV-EFER3700 / 3700-W
- GV-FER5700 / 5701
- GV-MFD2700 Series / 4700 Series
- GV-VD2702 / 2712 / 3700 / 4702 / 4711 / 4712 / 5700 / 5711

Modified:

- Copyright notices accessible on the Web UI

Firmware V1.25 2019-11-21

Firmware V1.25 applies to the following GV-IP Camera models

- GV-BL2702 Series / 3700 / 4702 / 4713 / 5700 / 5713
- GV-BX2700 Series / 4700 Series / 4700-E / 5700 Series / 2700-FD / 4700-FD
- GV-EBL4702 Series / 4711
- GV-EDR4700 Series
- GV-EFD4700 Series
- GV-EFER3700 / 3700-W
- GV-FER5700 / 5701
- GV-MFD2700 Series / 4700 Series
- GV-VD2702 / 2712 / 3700 / 4702 / 4711 / 4712 / 5700 / 5711

New:

- FD Scene Mode added on GV-BX2700 / GV-BX2700-FD / GV-BX4700 / GV-BX4700-FD for switching between “Normal” and “Face Enhanced” detection
- Face detection supported by GV-BX2700 and GV-BX4700
- Triggered by Input and by Schedule added to D/N function
- Support for ONVIF protocol profile T



- Maximum IR Strength meter added except on GV-BX Series
- Support for specifying the maximum number of faces at a time on GV-BX2700 / GV-BX2700-FD / GV-BX4700 / GV-BX4700-FD

Modified:

- Default maximum bitrate modified

Camera Type	Default Max. Bitrate of VBR
2 MP	5 Mbps / 6 Mbps (Face Detection models)
3 MP	6 Mbps
GV-EFER3700 Series	4 Mbps
4 MP	5 Mbps / 7 Mbps (Face Detection models)
5 MP	5 Mbps
GV-FER5700 / 5701	5 Mbps

Fixed:

- Inability to connect GV-IP Camera to Hi-Sharp VMS systems
- Inability to modify the Image Function option on exacqVision Client when connected through ONVIF
- Inability to connect GV-EFER3700-W to the Internet when the SSID is selected to hide
- Chances of failure to record within the scheduled time when resumed from power failure or rebooted



Firmware V1.22 2019-03-28

Firmware V1.22 applies to the following GV-IP Camera models

- GV-BX2700-FD
- GV-BX4700-FD

New:

- Triggered by Input or by Schedule added to D/N function
- Recordings stored as encrypted files to be played back by GV-Remote ViewLog only
- Security patches of TAICS cybersecurity certification

Fixed:

- RTSP connection failure when the camera's login credentials are configured using GV-IP Device Utility

Firmware V1.20 2018-11-26

Firmware V1.20 applies to the following GV-IP Camera models

- GV-BL4713 / 5713
- GV-EBL4711
- GV-VD2712 / 4711 / 4712 / 5711

Modified:

- Keeping user-defined zoom and focus settings after reboot



Firmware V1.17 2018-10-25

Firmware V1.17 applies to the following GV-IP Camera models

- GV-BL2702 Series / 3700 / 4702 / 4713 / 5700 / 5713
- GV-BX2700 Series / 4700 Series / 4700-E / 5700 Series
- GV-EBL4702 Series / 4711
- GV-EDR4700 Series
- GV-EFD4700 Series
- GV-EFER3700 / 3700-W
- GV-FER5700
- GV-MFD2700 Series / 4700 Series
- GV-VD2702 / 2712 / 3700 / 4702 / 4711 / 4712 / 5700 / 5711

Improved:

- Enhanced AES encryption for assured security
- Security-protection for successive firmware files

Modified:

- Changing GV-EBL4711 default resolution to 2560 x 1440

Fixed:

- Inability to send motion alerts and/or images to GV-Center V2 upon motion detection events
- Chances of displaying elapsed, instead of real-time, images when resuming live view after stopping
- Live view FPS differing from that as configured
- Lack of 2595 x 1520 resolution on 4-megapixel camera models
- Lack of Storage settings page for GV-EBL4702



Firmware V1.14 2018-07-30

Firmware V1.14 applies to the following GV-IP Camera models

- GV-BL3700 / 5700
- GV-BL2702 Series / 4702 / 4713 / 5713
- GV-VD2702 / 4702
- GV-VD2712 / 4712
- GV-VD3700 / 5700
- GV-VD4711 / 5711
- GV-BX2700 Series / 4700 Series / 5700 Series
- GV-BX4700-E
- GV-EFD4700 Series
- GV-EDR4700 Series
- GV-EBL4702 Series / 4711
- GV-MFD2700 Series / 4700 Series
- GV-FER5700
- GV-EFER3700 / 3700-W

New:

- Support for triple streams
- Support for 802.1x
- Support for IPv6
- Support for video transmit encryption (effective on GV-VMS V18.1 only)
- Support for HTTP Digest Authentication through ONVIF
- Support for “Color Temperature” and “Tint” options for adjusting White Balance
- Support for “FTP Schedule” option for uploading images to FTP server within a specific period of time
- Preset control available for GV-IP cameras with Motorized Varifocal Lens through ONVIF
- Customizable streaming name for Multicast connections through RTSP
- New CGI SDK authentication policy added to allow users to develop their own SDK
- Subject and Note columns added to the E-mail function to allow users to type the mail content



Fixed:

- Motion Detection failure when connected to Hikvision SNVR through ONVIF
- Camera name unchangeable when connected to Avigilon software through ONVIF

Improved:

- Warning message added to urge users to change default and weak Administrator username and password
- Password strength meter added to measure the strength of login password when changing it
- 15-minute account lockdown mechanism after 5 failed login attempts

Changed:

- Default Administrator and Guest user accounts no longer supported



Firmware V1.13 2018-03-01

Firmware V1.13 applies to the following GV-IP Camera models

- GV-VD4711 / 5711

Fixed:

- Possible disconnection and resumption failure of live view for prolonged periods of time

Firmware V1.12 2018-02-25

Firmware V1.12 applies to the following GV-IP Camera models

- GV-EBL4702-3F / 4711
- GV-BL4702 / 4713
- GV-VD4712

New:

- Support for the new camera model: GV-EBL4702-3F

Fixed:

- Display anomaly on the live view when the shutter speed is lower than 1/15 sec



Firmware V1.11 2018-01-05

Firmware V1.11 applies to the following GV-IP Camera models

- GV- VD2712 / 4712
- GV- BL2702-3V / 2702-4V / 2702-5V / 4702 / 4713 / 5713 / 3700 / 5700
- GV- EBL4711

New:

- Support for the new camera models: GV-BL2702-3V / 2702-4V / 2702-5V / 4702 / 4713 / 5713, GV- EBL4711 and GV-VD4712

Improved:

- Video image quality
- Random occurrence of auto iris issues causing the live image quality to deteriorate after the camera is used for a period of time



Firmware V1.09 2017-12-22

Firmware V1.09 applies to the following GV-IP Camera models:

- GV-BL3700 / 5700
- GV-BX2700 Series/ 4700 Series/ 5700 Series
- GV-BX4700-E
- GV-EBL4702 Series
- GV-EDR4700 Series
- GV-EFD4700 Series
- GV-EFER3700 / 3700-W
- GV-FER5700
- GV-MFD2700 Series / 4700 Series
- GV-VD2702 / 4702
- GV-VD2712
- GV-VD3700 / 5700
- GV-VD4711 / 5711

Fixed:

- A garbled notification message shown when typing a duplicate IP or more than four IP addresses in IP Filter setting
- Certain network security vulnerabilities

Changed:

- PSIA protocol no longer supported



Firmware V1.08 2017-07-14

Firmware V1.08 applies to the following GV-IP Camera models

- GV-EFER3700 / EFER3700-W
- GV-EBL4702
- GV-VD2712 / 4702

New:

- Support for the new camera models: GV-EFER3700 / EFER3700-W, GV-EBL4702 and GV-VD4702

Fixed:

- Motion Detection failure when connected to Hikvision SNVR through ONVIF protocol
- Focusing failure of GV-VD2712 when clicking the zoom in button multiple times

Firmware V1.07 2016-05-15

H.265 Camera Firmware V1.07 applies to the following GV-H.265 Camera models

- GV-VD3700
- GV-VD5700

Fixed:

- Random occurrence of auto iris issues causing the live image quality to deteriorate after the camera is used for a period of time



Firmware V1.06 2017-02-21

H.265 Camera Firmware V1.06 applies to the following GV-H.265 Camera models

- GV-BX2700 Series / 4700 Series / BX5700 Series
- GV-BX4700-E
- GV-EFD4700
- GV-EDR4700
- GV-FER5700
- GV-MFD2700 Series / 4700 Series
- GV-VD4711

New:

- Support for GV-MFD2700 Series / 4700 Series
- Support for the resolution of 2592 x 1520 for 4 MP models: GV-BX4700 Series / 4700-E, GV-VD4711, GV-EFD4700, and GV-EDR4700
- Support for GV-WiFi Adaptor V2 for GV-BX2700 / 4700 / 5700 Series and GV-FER5700 Series

Firmware V1.05 2016-11-18

H.265 Camera Firmware V1.05 applies to the following GV-H.265 Camera models

- GV-BX2700 Series / 4700 Series / BX5700 Series
- GV-BX4700-E
- GV-EFD4700
- GV-EDR4700
- GV-FER5700
- GV-BL3700 / 5700
- GV-VD2702 / 2712 / 3700 / 5700 / 4711 / 5711

New:

- Support for the following new models:
 - GV-EDR4700
 - GV-VD2702 / 2712



Firmware V1.04 2016-10-21

H.265 Camera Firmware V1.04 applies to the following GV-H.265 Camera models

- GV-BX2700 Series / 4700 Series / BX5700 Series
- GV-BX4700-E
- GV-EFD4700
- GV-FER5700
- GV-BL3700 / 5700
- GV-VD3700 / 5700 / 4711 / 5711

New:

- Support for the following new models:
 - GV-BX2700 Series / 4700-E
 - GV-EFD4700
 - GV-VD4711 / 5711



Firmware V1.03 2016-09-12

H.265 Camera Firmware V1.03 applies to the following GV-H.265 Camera models

- GV-BX4700 Series / BX5700 Series
- GV-FER5700
- GV-BL3700 / 5700
- GV-VD3700 / 5700

New:

- Support for Smart Streaming for GV-BL3700 / 5700 and GV-VD3700 / 5700

Fixed:

- The inability to save snapshots on non-IE browsers (Chrome / Safari / FireFox) after HTTP port is altered
- The flickering of random white spots in dark areas when GV-BX4700 is set to WDR Strong (Auto) in low light scenes
- The discrepancy between the selected area and the actual displayed area of Privacy Mask
- The occurrence of error when the setting of IP camera is imported on GV-IP Device Utility

Improved:

- Video quality