

## Version 8.5.6.0

### New:

- Main System
  - Support for AVP functions without USB Dongle
  - Quad view and live view upon request from a remote device in GV-Skype Video Utility
  - Minimum duration function for Advanced Motion Detection
  - PAP and PIP function in Panorama View
  - Support for 32 kHz / 16 bit audio codec in GV-NVR System, GV-5016, GV-4008, GV-4008A, GV-900A, GV-800B / 650B / 600B, GV-1480A / 1240A / 1120A Combo A and GV-1480B / 1240B / 1120B Combo B Cards
  - Support for installing GV-SDI-204 with GV-5016, GV-4008 and GV-1480B / 1240B / 1120B Combo Cards
  - Support for Sony IP Cameras: SNC-EP521 and SNC-ER580
  - Support for Sony SNC-ZR550, SNC-ZB550, and MESSOA NCB855PRO through ONVIF connection
  - Center V2 notification schedule with which notifications are only sent to Center V2 when events occur within the specified times
  - VSM notification schedule with which notifications are only sent to VSM when events occur within the specified times
- WebCam Server
  - Support for live view display, PTZ control, event query and remote playback on Chrome, Safari and Firefox
  - Support for live view display, PTZ control and playback using the browser on Android devices.
  - Support for live view display and PTZ control using the browser on iPhone and iPad
  - Support for up to 10 full-screen remote live view display, each on a designated monitor
- Center V2
  - Event recording length settings of Video Analytics events to Center V2

### Fixed:

- Main System
  - Problems with single camera tracking when more than one GV-SD200 is connected
  - Occasional GV-System crash when multiple GV-SD200s are connected- I/O control problems when connecting nine 16-port GV-I/O Box
  - Occasional I/O error after connecting to GV-Net I/O Card through GV-800B card for a prolonged period of time
  - PTZ problems when connecting more than one Canon VCC4 PTZ
  - Compatibility issues with playing back videos from Mobotix IP cameras by disabling standard codec for Mobotix IP cameras

- Failure to record more than one video file from IP cameras when set to motion detection mode in Day-Night Recording Mode
  - Problems with snapshot taken from Object Index function after changing screen division under H.264 codec
  - Video Analysis and Advanced Video Analysis events incorrectly labeled as Motion events in SMS notifications
  - Memory usage surge and GV-System crash when recording multiple channels with different recording quality under H.264 codec over a prolonged period of time
  - Failure to restrict remote access of live view from WebCam server when Remote View function is not selected in the Schedule settings
  - Audio Settings setting page missing after upgrading from V8.5.4 to V8.5.5 if no channel is enabled for audio recording
  - Unable to set recording resolution to CIF when Video Source is set to VGA De-interlace or D1 De-interlace
  - Face Count function failed to function after loading default with FBR settings
  - Failure to display analog camera views after disabling IP Camera Device in FBR Window
  - Failure to finish compacting videos
- ViewLog
    - Failure to save merged video to DVD or CD using Nero
    - Shifted camera view after zooming in on CIF video with panel resolution set to 1680 x 1050, 1600 x 1200, 1920 x 1080 or 1920 x 1200
    - ViewLog crash when continuously switching between different view modes using Windows XP
    - Displaying incorrect camera view when switching between customized Multi Views and other single views
    - Failure to display more than 32 cameras in EZViewLog camera list
- Center V2
    - Incorrect position of the main window that it stays at the top when it is not configured to be always on top and when the EZ Player window is activated
    - Possibility of disruption in record time settings (Max. Video Clip) for I/O trigger events when importing subscriber Address Book information to Center V2

### **Improved:**

- Main System:
  - Support for 32 channels of Defog function
  - Support for defining up to 16 cameras and I/O in E-Map Editor
  - Support for dewarping of fisheye view in Object Search
  - Support for combining exported revisions in MultiLang Tool
  - Support for additional recording frame rate options in GV-4008 and GV-5016
  - Support for GPU dewarping of fisheye view
  - Support for I/O control through LG LSW2010 and LG LW345
- Remote E-Map
  - Support for automatic re-connection of Remote E-Map to GV-System without Connection Lost messages
- Center V2 / VSM
  - Support for a duration threshold setting to be notified of Connection Lost event

### **Changed:**

- End of support for GV-1008 and GV-1016 Cards
- Object Index snapshots will now be captured from main stream only
- Requiring only one port of 3rd party dongle to connect Arecont Surround Video Series Camera (with 4 lenses)
- MPEG4 codec removed in sub stream and preview codec changed to H.264 (with GV-IP Cameras firmware V2.0 or later)