

Enterprise NVR alpha V5.75.19 Software Release Notes

Product Description

These Release Notes cover the new features, enhancements, and known issues in the latest alpha technology® software version.

If you have questions concerning this document, please contact Honeywell Technical Support. See the back cover for contact information.

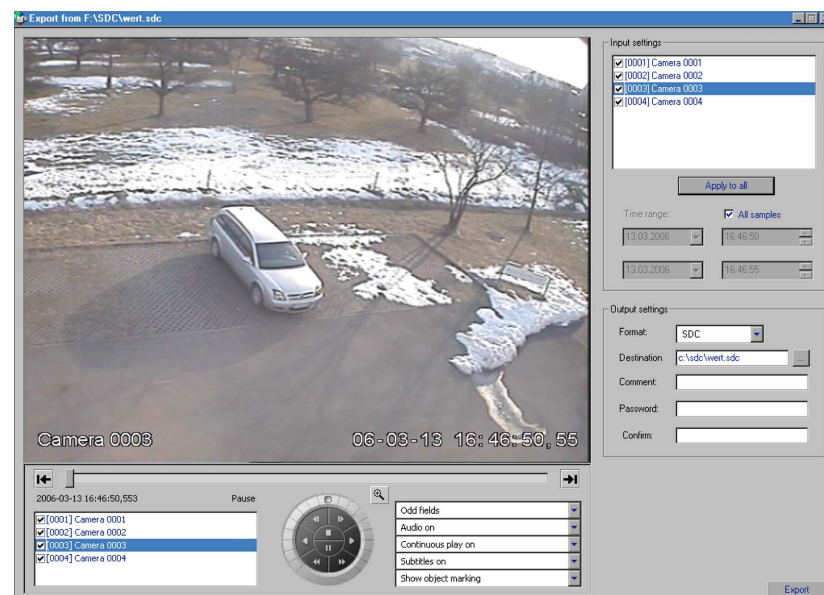
New Features and Enhancements

IP Camera Support - Honeywell HD4MDIP

- Support for the Honeywell HD4MDIP camera has been added.
- Supported resolutions are 1280 x 720, 800 x 450, 640 x 360, 320 x 180.
- Receiving events from the camera's built-in Video Motion Detection and Camera Tampering mechanism is supported

Zoom Option in SDC Viewer

Digital zoom option in the SDC Viewer application has been added.



De-Warping Option in SDC Viewer

For the Grandeye camera, it is possible to use the zoom option to de-warp an exported SDC file. From the user perspective, de-warping is made using a virtual PTZ that is implemented in the SDC Viewer application. When playing an exported SDC file from the Grandeye camera in the SDC Viewer, you can use the virtual PTZ to navigate in the scene. The first frame is always displayed warped (fisheye mode); only when zooming, the SDC Viewer application de-warps the image.

New Screen Resolution Support

A new screen resolution is supported in the Viewer and Viewer Manager: 1920 x 1080.

Installation Notes

Upgrade Date

To run alpha V5.75.19, the minimal Upgrade Date required is 2008-07-28.

Version Compatibility

The installation can be performed on a new system or on an existing alpha station without removing older versions.

Supported Operating Systems

alpha V5.75.17 is approved for the following operating systems:

Operating System	Service Pack	Limitations
Windows® 2000	4 and later	None
Windows® XP	2 and later	None
Windows® 2003 Server	1 and later	None
Windows Vista®	All	Launcher mode, Media Manager, and internal RAID are not supported.

Addressed Issues

The following issues were fixed in V5.75.19:

- Strict limitation on maximum GOP size for a given GOP mode and bit rate pair.
- Viewer: While manually switching between full-screen mode and regular mode, time-lapse mechanism was canceled.
- Although multiple ringbuffers are configured on station, Site Status on the Viewer indicates that only one ringbuffer is configured.
- Cannot set the actual brightness values of Arecont cameras; the values that are set in the Device Manager do not match the actual values of the camera.
- Honeywell HD3MDIP IP camera fixes:
 - The video stream is not fluent in backwards playback.
 - Video standard selection is not allowed. Only PAL appears for both types.
 - The camera is missing in the default camera drop-down list under Display Device in the Device Manager application.
 - Camera cannot be enabled or disabled through the command template.
 - Input stream cannot be enabled or disabled through the command template.
 - Subtitle text reflects all configured channels.
 - Subtitle text is removed after restarting the Device Manager application and clicking on the input channel.
 - On 16:9 screens, the video displays in the 4:3 format.
 - When the camera is working in the VBR mode (the Priority is set to Quality), then it is impossible to change the GOP size and resolution.
 - The Viewer application unexpectedly closes when performing Smart Search on HD IP cameras, including Honeywell HD3MDIP.
- On stations where drive A is not configured, an error message displays on the Viewer because drive A is included in the default Viewer configuration.
- Cannot edit Event Combiner device in the Device Manager; the Edit form does not open.

Known Issues

The following issues are known in alpha V5.75.19:

- The Delete rights option of the Event Ringbuffer device in the Device Manager is not working.
- The Viewer Application freezes when exporting an MPEG file larger than 2 GB.
- Color distortion for some MJPEG streams when exporting to the MPEG format.
- HD4MDIP camera's ELC feature is not supported with this release.
Workaround: Configure the ELC feature using the camera web browser. Opening Device Manager afterwards will not affect this.
- HD4MDIP is not available in Video Output programming screen as the default camera.
Workaround: Cameras can be loaded after the output has been launched or using the Command template.
- HD4MDIP and HD3MDIP produce some static noise when using audio.
Workaround: None, this issue is being addressed in the camera.
- If a user configures an invalid IP address for either the HD3MDIP or HD4MDIP camera, the Device Manager freezes for a while.
Workaround: Ensure the IP address is correct and a connected, running HD3MDIP or HD4MDIP camera is at that IP address.
- Occasionally Configuration Manager does not successfully import the configuration.
Workaround: Create backup using Site Manager. For previous versions not supporting Site Manager, install (upgrade to) Build 19 without uninstalling and then create a backup using Site Manager.
- Occasionally for HD3MDIP cameras, the status shows disconnected even though video streams.
Workaround: Set the camera to bit rate mode and reduce the value from 6000 to 3500.
- When rendering video on VO1 cards, sometimes jittery portion towards the centre is observed on a few workstations.
Workaround: None, this issue will be resolved in a future release.
- Occasionally, Alpha Engine crash has been observed with VC++ runtime error on DVS when running IP cameras.
Workaround: Perform a clean install. Uninstall the previous version, delete the C:/DVMS folder, reboot and then install Build 19.

Honeywell

www.honeywellvideo.com
+1.800.796.CCTV (North America only)
HVSsupport@honeywell.com

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