

Release Notes

Product: NVR Server
Version: v2.0 SP2 (v2.0.30 build 07.0801)
Release Date: Aug. 6, 2007

PC spec

1. Suggestions on PC Spec.:
 - 16 Channel: Intel Core 2 Duo 2.4 GHz, 1 GB Memory, 250 GB HDD
 - 32 Channel: Intel Core 2 Duo 2.66 GHz, 2 GB Memory, 250 GB HDD
 - 48 Channel: Intel Core 2 Quad 2.66 GHz, 4 GB Memory, 250 GB HDD
 - 64 Channel: Intel Core 2 Quad 2.67 GHz, 4 GB Memory, 250 GB HDD
2. Before you start to record, be sure to reserve storage capacity of 20GB or above on the disk drive to be record onto.
3. Please make sure the PC does not contain SQL Server 2000 or other SQL Server instances in the system
4. Supported Windows OS:
 - Windows XP, Windows 2003
 - Does not support Windows 2000, Windows Vista

Version Notes

1. NVR v2.0 Formal: v2.0.18
2. NVR v2.0 SP1: v2.0.24
3. NVR v2.0 SP2: v2.0.30

Enhancements

1. Add support to 64-channel in tree-directory
2. Add support to 1, 2, 4, 8-channel video server and entry-product line products
3. Add support to dual-monitor. User may display 2 Active Monitor on 2 monitors
4. Add Full-Screen Mode (shortcut key F12) on Active Monitor
5. Add pre-defined layout and patrol on pre-defined layout
6. Add mouse PTZ function
7. Add PTZ OSD operation

8. Add unlimited sets of PTZ patrol
9. Add customized PTZ command
10. Add support to 32 preset position
11. Add support to USB Joystick and COM Port control panel
12. Add continuous, schedule, event and motion recording
13. Add time-base search bar
14. Add export recording clip to AVI option
15. Add recording while playback an archive
16. Add 4-channel synchronous playback mode
17. Add Snapshot Viewer
18. Add eMap viewer with map tour
19. Add eMap auto-live view mode
20. Add event handling on eMap Viewer
21. Add event trigger PTZ preset position function
22. Add NVR Web Client, providing remote live view, remote search and remote playback
23. Add support to different frame rate selection on live view, continuous recording, event recording, and schedule recording and remote live view. User may setup 30 FPS for live view and 6 FPS for recording and 3 FPS for web client live view
24. Add auto detect, search add, import function on camera setup
25. Add support to pop-up window / hot-spot window on event handling
26. (v2.0.22) Add support to multicast mode
27. (v2.0.22) Enhances on Camera Tree user interface. User may click on icon or camera name.
28. (v2.0.22) Enhances on Search and Add function in Camera Setup.
29. (v2.0.22) Add support to auto detect via Streaming Engine
30. (v2.0.22) Enhances on Streaming Engine efficiency. The total operating time can be reduced to half
31. (v2.0.22) Add wrong camera date/time notification. This is done in camera setup and live view. If the camera date/time is 10 days older than current PC date/time, then a message will notify user, and user may click to synchronize the date/time in camera firmware.

32. (v2.0.22) Add support to playback operation. When a file plays to an end, user may click on next button to open next file directly.
33. (v2.0.22) Add pre-defined layout in NVR Web Client. Only display the pre-defined layout with layout window smaller than 9 windows.
34. (v2.0.22) Add mouse PTZ in NVR Web Client. PTZ control is also related to permission control setting.
35. (v2.0.22) Improve the remote playback waiting time from 20 seconds to 5 seconds
36. (v2.0.22) Add support to Internet firewall deployment in NVR Web Client Login Screen. User has an option to choose NVR Server IP Address as default Streaming Engine in NVR Web Client login screen.
37. (v2.0.22) Add support to v2.0.18 version in Backup Wizard
38. (v2.0.22) Updated Language: Sweedish, Simplified Chinese, Traditional Chinese, Japanese.
39. (v2.0.30) Add Updated Language: Poland
40. (v2.0.30) Add Support to Messoa_Messoa-D PTZ protocol

Remove

Bug Fix

1. (v2.0.22) Fixes VGA resolution issue. When live view on VGA resolution with firmware A1D-220-V3.03.07-AC, the video image will have wave effect on the video.
2. (v2.0.22) Fixes different frame rate setting. User may now set different frame rate for live view, record, event record, and remote connection
3. (v2.0.22) Fixes control panel via serial port issue. User may connect analog control panel via serial port (RS-232) and operate correctly.
4. (v2.0.22) Fixes Dynacolor PTZ protocol hangs issue.
5. (v2.0.22) Fixes Eyeview protocol adjust focus issue.
6. (v2.0.22) Fixes remote mouse PTZ on CIF and QCIF resolution.
7. (v2.0.22) Fixes Export AVI issue. The issue was: Export AVI file will fail (100 MB size, slow motion, and fast motion) under some frame rate mode.
8. (v2.0.22) Fixes recording setting issue. The issue was: When a camera is deleted, the recording setting will not be removed accordingly.
9. (v2.0.22) Fixes Active Player linkage to Active Map issue. The issue was: When clicking Active Map under Active Player interface, it does not work.
10. (v2.0.22) Fixes Event Manager issue. The issue was: DI event triggers pop-up window does not work.
11. (v2.0.23) Fixes License Manager issue. The issue was: When importing Activation Key into License Manager under off-line mode does not work.
12. (v2.0.24) Fixes display issue with firmware 3.05.04.
13. (v2.0.25) Fixes DI event trigger bug
14. (v2.0.25) Fixes USB Joystick doesn't stop when connecting Dynacolor Speed dome
15. (v2.0.25) Fixes long waiting time when login into Web client. The wait time is about 20 second
16. (v2.0.25) Fixes ViewLayout bug: under 10-ch window pattern, 2 channels display in incorrect position
17. (v2.0.25) Fixes eMap setup bug: under eMap setup, camera tree only displays 24 channels to select when there are 64 channels at same group

18. (v2.0.25) Fixes Search Device bug: User may now click on the camera id to select the camera as well
19. (v2.0.25) Fixes Web Client blank page issue
20. (v2.0.25) Fixes PTZ protocol bug: user may now select Pelco-P type 1 / type2
21. (v2.0.26) Fixes PTZ Joystick doesn't work point 17 ~ 32 bug
22. (v2.0.27) Fixes Stop Fail, Zoon in/ Zoon out doesn't stop by Joystick bug
23. (v2.0.27) Fixes recorder crash bug. This bug might happens when running with Streaming Engine
24. (v2.0.28) Fixes Camera Group cannot be setup over 20 groups bug. Current maximum number is 300
25. (v2.0.28) Fixes Account Setup cannot be setup over 20 groups bug. Current maximum number is 300
26. (v2.0.29) Fixes permission control on Snapshot action under ActivePlayer interface
27. (v2.0.29) Fixes Motion Setting fail under Quad TCP1.0. This bug does not exist under Quad TCP 2.0 firmware
28. (v2.0.29) Fixes Language :Export / Import Fail
29. (v2.0.29) Fixes translation error under "Camera page" in French language. Some translation contain the keyword used in HTML; and these wordings have been replaced with official HTML wordings
30. (v2.0.29) Fixes Translation : Search page doesn't translate via Web client
31. (v2.0.29) Fixes volume icon fail : adjust volume fail from web client.

Limitation

1. When NVR Workstation running on different machine other than NVR Server, the event message will not be displayed.
2. NVR Workstation has to run in the same network segment with NVR Server.
3. When running Preview Layout Tour function under Active Monitor continuously, the system might crash when the devices are not responding.
4. If you use Windows 2000 to run NVR Web Client, you need to install GdiPlus.dll in C:\Windows first. GdiPlus.dll can be downloaded from:
 - Microsoft Web Site:
<http://www.microsoft.com/downloads/details.aspx?FamilyID=6A63AB9C-DF12-4D41-933C-BE590FEAA05A&displaylang=en>
 - NVR Server Package:
<NVR Server Folder>\Utility\GdiPlus_dnld.exe
Eg. C:\Program Files\NVR\Utility\GdiPlus_dnld.exe
 - Or simply copy GdiPlus.dll into C:\Windows
5. Under NVR Web Client login window, user cannot enter "localhost" in the Server field. User has to enter an IP address.
6. (v2.0.22) Does not support Windows Vista
7. (v2.0.22) The connection will not establish if the network protocol type setting is different in NVR Server and camera. For example, if you set TCP protocol in NVR Server but Multicast in camera, the connection will fail.
8. (v2.0.22) After you use Backup Wizard to backup and restore, please get into ActiveSetup → Account → and click Apply again
9. (v2.0.22) If you open many channels at the same time, say 36 channels, some preview channel might not display due to timeout on slow connection. Please open that camera live view manually. Note that the recording will be executed correctly.
10. (v2.0.22) After user use Search and Add function to add cameras into NVR Server, please use Auto-Detect on each channel to get correct camera configuration.

Bundled Utility

	Backup Wizard	Media Converter	IP Utility	Streaming Explorer	Archive Player
Supported	v	v	v	v	v
Version	V1.5.01	V1.4.03	V3.3.07	V1.4.00	V1.0.07

Next Release (v2.1)

1. Add support Windows Vista Business Edition and Windows Vista Ultimate Edition
2. Add support to Megapixel MPEG-4 format
3. Add support to Megapixel H.264 format
4. Add support to digital zoom in preview and playback
5. Add support to absolute position in mouse PTZ mode
6. Add support to Message Engine to pass event over network
7. Add support to different sa password under Microsoft SQL 2005
8. Add support to Web Client Basic Mode with minimized user interface to save bandwidth
9. Add support to USB joystick control on Web Client
10. Add support to 16, 25, 36-channel preview on Web Client
11. Add support to scheduled event with Media Server Snapshot Utility
12. Add support to Mouse PTZ and Absolute Position in ActiveMap and ActiveMonitor