



ACTi NVR 3 Corporate

Release Notes

Version 3.0.12.42

2016/08/12



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Software Version

NVR 3 Corporate Server version: v3.0.12.42

NVR 3 Corporate Workstation for Windows version: v3.0.12.42

Release Date

2016.08.12

Compatible Models

NVR 3 Corporate, GNR-3000, GNR-310, GNR-320, GNR-330, GNR-410, INR-100, INR-340, INR-410, INR-430, INR-440, INR-450, INR-460, MNR-310, MNR-320P, MNR-330P

New Features

1. (V3.0.12.42) Supported new models: ACTi- B934
2. (V3.0.12.40) Supported new models: ACTi- Q92
3. (V3.0.12.38) Supported new models: ACTi: A42, A82, B945, B949, B59A, B511A, B74A, B76A
4. (V3.0.12.34) Supported new models: ACTi: Q61, Q81
5. (V3.0.12.29) Supported new models:

ACTi:	A41, A81, C11W, E210, E217, E219, E222, E38, E417, E78, E819, E933, E933M, E936, E936M B214, B215, B511, B59, B74, B76, B415, B416, B63, B83, B916, B917 I28, I48, I97, I98 Q11, Q13, Q14, Q19, Q112, Q115, Q91
Axis	Q6000-E
Panasonic	WJ-GXE500, WV-NF284, WV-NW502S, WV-SF336,
6. (V3.0.12.29) Supported auto tracking functions with specific ACTi cameras.
 - PTZ Auto tracking (for speed dome camera with firmware v7.00 and later)
 - Digital Auto tracking and Overview, Zoom and Tracking (OZT) (for Hemispheric camera with firmware v8.00 and later).
7. (V3.0.12.29) Supported H.265 compression, triple streams and multiple motion detection regions configuration (polygon and excluded regions)

for specific ACTi cameras.

8. (V3.0.12.29) Added "Hybrid search" to auto search all cameras (ACTi and ONVIF-compliant devices)
9. (V3.0.12.29) Supported event message from Video Analytics products such as IVS Server 1, People Counting Server 1 or ALPR Server 2. Supported IVS functions: Line Crossing, Enter Area, Missing Object, Unattended Object, Tamper, Incorrect Direction, People Counting and LPR.
10. (V3.0.12.29) Supported exporting video with POS event
11. (V3.0.12.29) Supported maximum user session settings. Default is unlimited user connections.
12. (V3.0.12.29) Supported multiple level view in view panel
13. (V3.0.11.07) Supported executable media files for video export function
14. (V3.0.11.07) Supported Video Push from ACTi Mobile Client devices with ACTi Mobile Client for Android v1.0.11 version and above.
15. (V3.0.11.07) Supported ONVIF event function (Motion, Digital input)
16. (V3.0.11.07) Supported Windows 10 with IE 11.
17. (V3.0.11.07) Supported new models:
 - IQINVISION: IQ032S, IQ542S, IQ732N, IQ865N, IQA15NX, IQeye855, IQA10S, IQeye702
 - CANIN VB-H41, VB-H610VE, VB-H710F, VB-S30D, VB-S800D, VB-S900F
18. (V3.0.11.07) Added Web Controller function to set URL address and connect to the embedded website in Live and Playback mode.
19. (V3.0.10.30) Supported new models:
 - ACTi: I47
 - ETROVISION: EV8180Q-XD
 - SHANY: SNC-WDL2132M
20. (V3.0.10.26) Supported new models :
 - ACTi: E215, E223, E616, E618, E815, E817, E925
B22, B23, B46, B49
I27
21. (V3.0.10.26) Supported Car Park third-party integration device
22. (V3.0.10.17) Supported new models :
 - ACTi: E11A, E12A, E13A, E15, E16, E23B, E48, E617, E816, E924M, E926M, E928, E928M, B210, B410, B82, I24, I25, I44, I45, I910, V31, V32
 - Axis: Q6042-E, 241Q, 2400+

AVTECH: AVM500, AVM552, AVM583

Panasonic: WV-SP306, WV-SW395, WV-SW396

Level One: FCS-0030, FCS-0031, FCS-0071, FCS-1041, FCS-1131, FCS-1135, FCS-1141, FCS-3052, FCS-3062, FCS-3071, FCS-3081, FCS-3091, FCS-3101, FCS-3102, FCS-4041, FCS-4101, FCS-4102, FCS-5042, FCS-5043, FCS-5051, FCS-5052, FCS-5061, FCS-5062, FCS-6020, WCS-0030, WCS-0050, WCS-6020, WCS-6050

23. (V3.0.10.17) Supported Bookmark management, Bookmark Search, Bookmark Dialog and export video with bookmark functions.

24. (V3.0.10.17) Supported PTZ function via ONVIF integration

25. (V3.0.10.17) Added GPS settings for NVR server and supported GPS Positioning manual settings for camera with new firmware v6.0.08 and newer versions.

26. (V3.0.10.17) Added specific recording schedule for a single date or a period as long as 400 days.

27. (V3.0.10.17) Added password protection for playback function and supported password validity period setting.

28. (V3.0.10.17) Added new language: German

Enhancements

1. (V3.0.12.39) Added mobile device manually by UUID
2. (V3.0.12.29) Supported “Access Allowed” and “Access Denied” trigger events for Access Control devices
3. (V3.0.12.29) Supported “Schedule Service Start” and “Schedule Service Stop” trigger events for local server,
4. (V3.0.12.29) Added idle time setting for automated logout
5. (V3.0.12.29) Added keyword search to find the Domain user group and user.
6. (V3.0.12.29) Added camera event search in System log
7. (V3.0.12.29) Added PTZ method options such as Serial Hex and URL.
8. (V3.0.12.29) Added live stream settings on NVR workstation to decide the stream from camera or NVR directly.
9. (V3.0.11.07) Supported 16x playback speed
10. (V3.0.10.26) Supported Audio MPEG-4 AAC
11. (V3.0.10.17) The maximum pre-event buffer is changed from 5 seconds to 60 seconds, and post-event buffer is changed from 300 seconds to

3600 seconds.

12. (V3.0.10.17) Supported embedded instant playback
13. (V3.0.10.17) Supported Fisheye Ground mount setting for Fisheye and Hemispheric camera with camera firmware v6.0.08 and newer.
14. (V3.0.10.17) Supported customized motion region color
15. (V3.0.10.17) The maximum Pre-Event Recording buffer is changed to 60 seconds (default is 5 seconds), and Post-Event Recording buffer is changed to 3600 seconds (default is 30 seconds)
16. (V3.0.10.17) Added camera IR Exposure Compensation in Video Adjustment
17. (V3.0.10.17) The PTZ tab will be hide if the ONVIF camera does not support pan, tilt and zoom functions.
18. (V3.0.10.17) The number of preset points will be depended on device capability.

For example

Protocol	number of preset points
ACTi	256
Sony Visca	256
Dynacolor	256
Pelco D/P	32
Vicon	32
Samsung	16

Issue Solved

1. (V3.0.12.42) The exported AVI file may have incorrect frame rate for A41, A42, A81, A82 and C11W models.
2. (V3.0.12.42) The stability problem using D-Link models via ONVIF
3. (V3.0.12.40) The processing of Calibration for Overview, Zoom and Tracking (OZT) may not work normally.
4. (V3.0.12.39) The video setting of ONVIF camera cannot be changed sometimes.
5. (V3.0.12.38) Show Script error when attempting to copy some event responses to other camera
6. (V3.0.12.34) Live view may display black screen after digital zoom-in
7. (V3.0.10.30) Solved the stop recording unusually
8. (V3.0.10.30) Some specific third-party camera may cause higher CPU loading.

9. (V3.0.10.26) Go to preset point is not working sometimes via ONVIF
10. (V3.0.10.26) The exported avi file did not add Video information in file properties if the file size is more than 2GB.
11. (V3.0.10.26) Search ONVIF device will always show Authentication Failed.
12. (V3.0.10.26) Show recording icon when “Non-event Frame Rate” setting is 0 and no event occurs.
13. (V3.0.10.26) Event handler may be ineffective sometimes.
14. (V3.0.10.26) Show abnormal video in Live view unexpectedly and may mantle other available functions
15. (V3.0.10.26) NVR may stop record the device after deleting specific schedule setting on this device.
16. (V3.0.10.17) Export video processing is incomplete sometimes.
17. (V3.0.10.17) Script error when the domain user is logging in to NVR server and the user is added to multiple domain groups.
18. (V3.0.10.17) Smart search result may be inconsistent with same search conditions.
19. (V3.0.10.17) The recording does not include audio by manual record sometimes.

Limitations

1. Minimum Resolution is 1024x768.
2. You may need to open HTTP port 80 and ActiveMediaServer.exe in firewall. Or you can remove Anti-virus software and add exception in windows firewall.
3. Export Video function will need enough free space. The free space size will be depended on the image compression, frame rate, channel numbers, export duration time, and raw or avi video type. (If the free space is not enough, the Export result will still show Success.)
4. The account-naming rule is only English letters, numbers and specific symbols are allowed except some symbols “ / \ [] : ; | = , + * ? < > ”
5. When you configure the Disk Drive for recording, please make sure the “Free Space” is larger than “Reserve Space” in Setup page ->Storage tab.
6. Not support Variable Bit Rate mode.

7. Not support multicast mode.
8. Not support OSD Menu operation for speed dome camera.
9. SED and CAM series devices may not show correct Model Name.
10. For individual recording, if the total size is over 2 GB, or the video encoder type, frame rate, resolution of this channel's stream once altered during the selected Time Duration, this export video file will be divided.
11. Mobile Client cannot login NVR while using digest authentication.
12. Unable to login NVR with domain user while using digest authentication.
13. For Windows Embedded Standard 7 (e.g. GNR-3000, INR-410, INR-420), Local Live layout is up to 16 channels, Local Playback layout is up to 9 channels.
14. For Windows Embedded Standard 7 (e.g. GNR-3000, INR-410, INR-420), if "Display Performance Settings" is enabled in System Setup page, the GNR-3000 local display will decode I frame only automatically when current layout style >4 or CUP usage >=50%
15. Not support ePTZ operation of 6VGA streaming mode. If camera is 6VGA mode, please operate the PTZ function through camera web configurator, or waiting for new KCM camera firmware v5.13.
16. In H.265 compression, live view may flash sometimes at lower resolution (e.g. 320 x 240).
17. The Audio-out, Digital-input, Event handle features for C11W, A4x, A8x will be supported through future firmware upgrade and NVR new version v3.0.14.
18. H.265 compression is not supported via ONVIF.
19. The pre-installed NVR 3 software will be upgraded from NVR Enterprise to NVR 3 Corporate on these standalone NVR models, including NVR INR-100, INR-340, GNR-310, GNR-320, INR-410, INR-430, INR-440, INR-450, INR-460, MNR-310, MNR-320P, MNR-330P and GNR-3000 (shipment after January 2017)
20. ACTi offers NVR 3 software with three editions, including NVR 3 Standard, NVR 3 Enterprise and NVR 3 Corporate. The different edition cannot be upgraded directly. Please check the NVR edition before starting the upgrade.
21. Please perform Fisheye Image Calibration function through OZT

Manual Calibration tool. NVR will not display Calibration page from camera firmware version v8.03.

22. NVR will show MD1 event trigger if tampering of E924, E924M, E44A, E77, B51 and B53 is detected.

Compliant third-party integration devices

Type	Brand	Product
Point-of-sale (POS)	pcAmerica	pcAmerica
	NCR	Aloha Restaurant
IP Door Control	Eterna	HID Armous
Car Park	SunPark	SunPark
Network I/O	Advantech	ADAM-6060
		ADAM-6066

Supported languages

Arabic, Czech, Dutch, English, French, German, Hungarian, Indonesian, Italian, Japanese, Polish, Portuguese, Romanian, Russian, Spanish, Simplified Chinese, Thai and Traditional Chinese.

Supported camera models

For supported ACTi cameras list, please refer to

<http://www.acti.com/UnifiedSolution>

For supported non-ACTi cameras list, please refer to

<http://www.acti.com/3rdpartycamera>

NVR3 Installation

ACTi NVR 3 Corporate is a typical web-based server/client system. There are two types of **Clients in NVR 3.0 system: Web Client** and **Workstation Client**. A user, connecting from whether web browser or workstation, will enjoy the same user interface and NVR functions.

- **Web Client:** the web version of interface to access NVR server without need of installing any client program to become a client. Logging in the NVR server is as simple as visiting a website through IE browser.

After the NVR3 server installation is complete, user can connect to <http://localhost:port> with Internet Explorer browser, and will see NVR login page.

- **Workstation Client:** the client application making accessing NVR server free from the use of browser .The workstation program that provide interface between users and the NVR server. It may be installed on the same PC as the NVR server, or they may be installed separately and connect to NVR3 Server via network.

Condition	Installation
New Installation NVR 3 Corporate v3.0.10.17 and newer	Condition1

The performance of NVR is largely determined by the hardware PC capability. Please refer to “**Getting Started**” section in **NVR3 System Administrator's Manual** for all details about System Requirement, necessary prerequisites before installation, and installation procedure. If you want to substitute for another computer or re-install the NVR server, please refer to “**Back Up System Data**” section for getting more information.

ACTi offers NVR 3 software with three editions, including NVR 3 Standard, NVR 3 Enterprise and NVR 3 Corporate. The different edition cannot be upgraded directly. **Please check the NVR edition before starting the upgrade.**

- **Condition 1: (New installation/NVR v3.0.10.17 and newer Installed)**

1. Execute NVR3 server
“ACTi_NVR_Corporate_Server_Install_v3.0.12.42.exe” installation application.
2. Follow the instructions of Install Shield Wizard to proceed and complete the installation.

If IIS Web Server has been installed on the computer and you are asked to restart the computer during installation process, please choose “Yes, I want to restart my computer now” to restart, and after the computer reboots, please continue to complete the NVR installation.

The **IP Port Checker** program will pop up to confirm the NVR HTTP port number with you. The installation program will use **80** as default. You may enter another available port number in “Listen Port” field and click “Apply”.

3. For NVR3 workstation, please execute NVR3 workstation
“ACTi_NVR_Corporate_Workstation_Install_v3.0.12.42.exe” and follow the install shield to complete the installation.

Download and Documentation

NVR 3 Corporate v3.0.12.42 software (server and workstation), the Release Notes, the System Administrator's and User's manuals are all available for download.

You may check "Software NVR" product in "Video Management System" section on ACTi corporate website for updates or release information about this software and documents.

<http://www.acti.com/products/software-nvr>

You may also visit ACTi Download Center for updates and documents

<http://www.acti.com/downloadcenter>

Support

If you have any question or need additional assistance, please feel free to contact our engineers via our **Customer Help Desk** platform

<http://www.acti.com/CHD>