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i-PRO WJ-NX400K-G HDD Viewer Software Instruction Manual

i·PRO

i-PRO WJ-NX400K-G HDD Viewer Software

Product Information

The HDD Viewer Software is a software application designed to play video and audio files stored on hard disk drives (HDD) that have been removed from network disk recorders. It is compatible with the following models: WJ-NX200K, WJ-NX200K/G, WJ-NX300K, WJ-NX300K/G, WJ-NX400K, and WJ-NX400K/G. With this software,

users can search for video and audio files based on date, time, and other conditions. It also allows for playback of the files and the ability to save and print still images.

System Configuration

To use the HDD Viewer Software, follow these steps:

1. Connect the HDD removed from the recorder to your PC using a locally procured USB/SATA conversion cable.
2. Copy the software onto your PC.
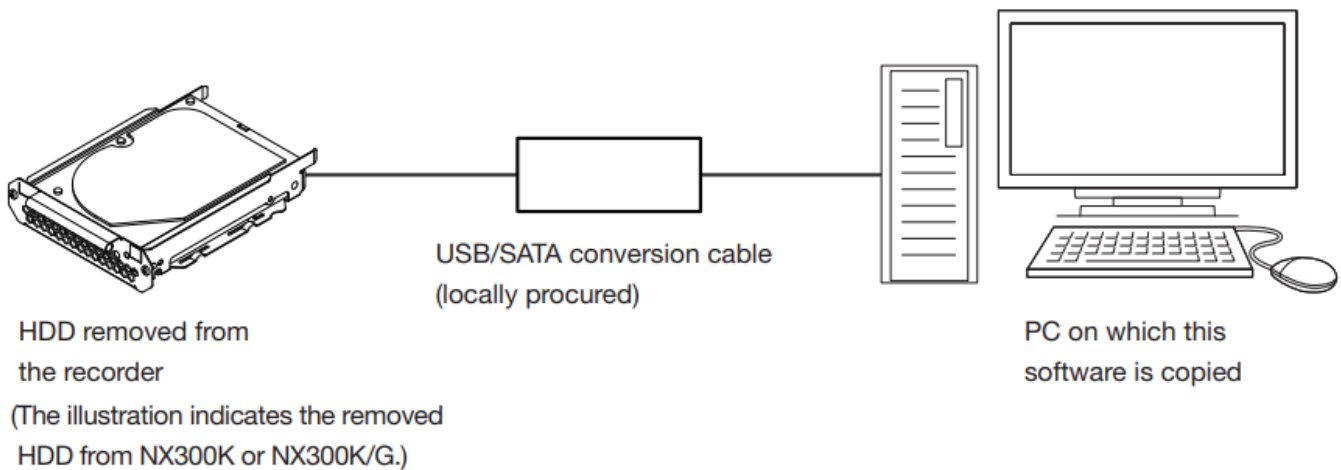3. Use the software without installing it.

Note: The illustration in the manual shows the HDD removed from the NX300K or NX300K/G model.

This document is the HDD viewer operating instructions for WJ-NX200K, WJ-NX200K/G, WJ-NX300K, WJ-NX300K/G, WJ-NX400K and WJ-NX400K/G.

Preface

The HDD viewer (hereafter this software) is software to play video / audio stored on hard disk drives (hereafter, HDD) removed from network disk recorders of WJ-NX200K or WJ-NX200K/G, WJ-NX300K or WJ-NX300K/G, WJ-NX400K or WJ-NX400K/G (hereafter, recorders) on a personal computer (hereafter, PC). With this software, you can search by date and time and other conditions, play back, and save and print still images.

System Configuration

USB/SATA conversion cable
(locally procured)

HDD removed from
the recorder
(The illustration indicates the removed
HDD from NX300K or NX300K/G.)

PC on which this
software is copied

- Connect the HDD removed from the recorder to the PC that has copied the software using a locally procured USB/SATA conversion cable.
- Use this software without installing it.

Important: Do not delete or move files inside the HDD, since it may make HDD playback impossible.

System requirements for a PC

It is recommended to operate this unit using a PC that meets the following system requirements.

- **OS:** Microsoft® Windows® 7*1, Microsoft® Windows® 8.1, Microsoft® Windows® 10
- **CPU:** Intel® CoreTM i7-860
- **Memory:** 4 GB or more
- **Monitor:** 1024 × 768 pixels or more, 24-bit True color or better
- **USB port:** A port suited to your USB / SATA conversion cable specifications
- **Audio:** Sound card (When using the audio function)
- **Others:** CD-ROM drive: It is necessary to refer to the operating instructions on the provided CD-ROM. DirectX® 9.0c or later
    - **Adobe® Reader®:** CD-ROM drive: It is necessary to refer to the operating instructions on the provided CD-ROM.
    - *1 Windows® XP compatibility mode is unavailable.

Important

- If using a PC that does not meet the above system requirements, it may cause problems such as slow imaging.
- Microsoft® Windows® RT, Microsoft® Windows® 7 Starter and Microsoft Edge are not supported.
- When using Microsoft® Windows® 8.1, use it in the desktop. The software cannot be used in the Modern UI design.

Note: Refer to "Notes about versions of Windows®/Internet Explorer®" (PDF) on the provided CD-ROM for further information about system requirements for a PC and precautions when using Microsoft® Windows®.

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Operations flow

- Set password for HDD viewer
  - Set the password (used for HDD viewer) for the HDD you want to play back.
- Remove the HDD from the recorder
  - Remove the HDD you want to play on the HDD viewer from the recorder. At this time, the password set in Step 1 is set in the HDD.
- Save HDD viewer (Compressed file) on USB medium and copy it to PC
  - Save HDD viewer (Compressed file) from recorder to USB medium and copy it to PC.

- Unzip the HDD viewer (Compressed file) copied to the PC
  - Unzip the HDD viewer (Compressed file) copied from the recorder to use it.
- Connect the removed HDD to the PC
  - Connect the removed HDD to the PC using a locally procured USB/SATA conversion cable.
- Operation
  - Activate the HDD viewer, play, save and print the data in the HDD.

Set password for HDD viewer

Before removing the HDD from the recorder, set the password for the HDD viewer by Maintenance > HDD information in the recorder's setup menu. For the setting method, refer to [Set password for HDD viewer] and [Retype password] in the Operating Instructions.

Note

- The set password is assigned to the HDD when the HDD is removed.
- For playback only, error disc passwords are not set.
- If you insert the removed HDD into another recorder, playback is possible regardless of whether or not there is a password.
- When you install / format the removed HDD, the password setting saved in the HDD is deleted.

Remove the HDD from the recorder

- Remove the HDD you want to play on the HDD viewer from the recorder. For how to remove, refer to [Remove HDD] in the Operating Instructions and contact your dealer.

Note: HDDs running RAID 5 / RAID 6 mode cannot be played on the HDD viewer.

Save HDD viewer (Compressed file) on USB medium and copy it to PC

- Save the HDD viewer (compressed file: NX_HDD_Viewer.zip) from the recorder to the USB medium and copy it to the PC. For the method of saving to USB medium, refer to [Save HDD Viewer (to USB medium)] in the Operating Instructions.
- Since it is saved in a compressed state right under the drive of the USB medium, copy it to an arbitrary location on the PC.

Unzip the HDD viewer (Compressed file) copied to the PC

- Unzip the compressed HDD viewer (NX_HDD_Viewer.zip). When unzipped, NxHddViewer_Install-less folder is created.
- There is an HDD viewer executable file (NxHddViewer.exe) in this folder. The HDD viewer can be used without installation.

Connect the removed HDD to the PC

- Connect the removed HDD to the PC with a locally procured USB / SATA conversion cable. For the connection method, refer to the instruction manual of the USB / SATA conversion cable.

Operation

How to use the HDD viewer

- To start the HDD viewer, double-click the executable file (NxHddViewer.exe) in the folder expanded in Step 4.

Important

- The HDD viewer requires a license for each PC. The recorder has 1 license for 1 PC. Additional licenses are required when you use the HDD viewer with 2 or more PCs at the same time. Contact your dealer for the license.

Note: The license agreement window will be displayed when you first launch the viewer. The HDD viewer is launched when you accept the license agreement.
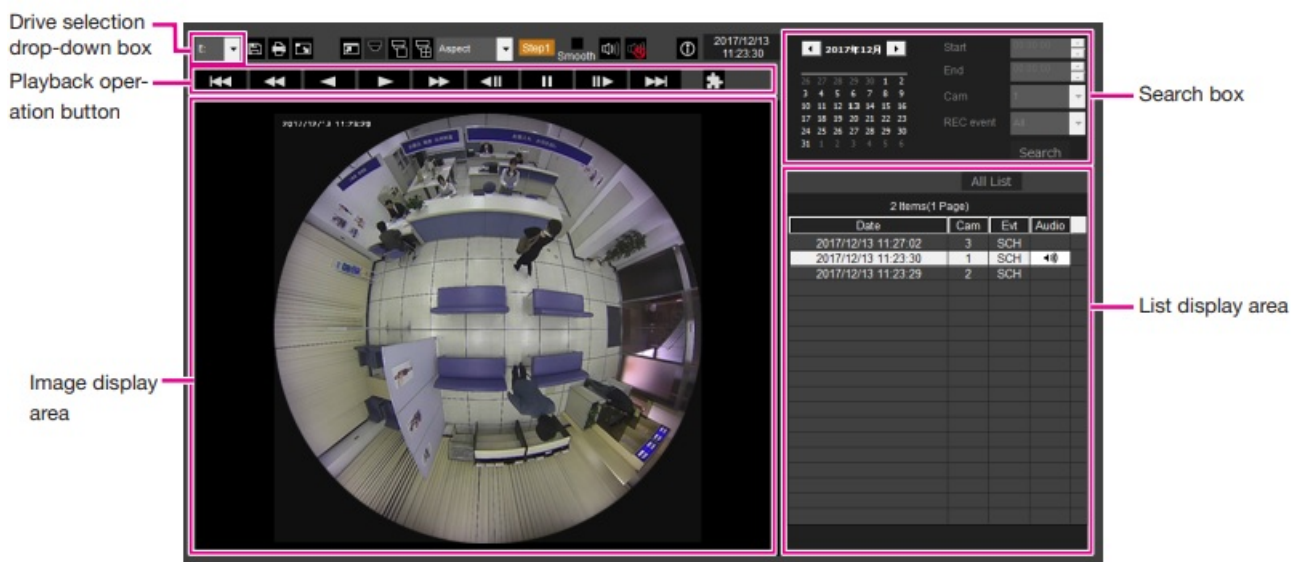
Normal window

Playback operation window when images are displayed on a full screen

Select HDD drive

STEP1

- Select the drive number of the HDD containing the video you want to play from [Drive selection dropdown box] on the upper left of the HDD viewer.
  - The list of videos of the selected drive is displayed in the list display area.

STEP2

The following contents are displayed in the list display area.

- **Date:** Start time of recording is displayed.
- **Cam:** Displays the camera number that recorded the image.
- **Evt:** Event type is displayed.
- **Audio:** When there is audio data , is displayed.

Note

- If a password is set to the selected HDD, a password is requested. A list will be displayed only if it is confirmed that you have entered the correct password.
- Up to 100 logs can be displayed in the list. If the number of videos exceeds 100, you can turn to the next page by clicking the buttons or or or .

Video playback

Play back a video by selecting it from the list

- Selecting a line in the list display area will play that video.
- Clicking it will pause playback at the first image and double-clicking will start the playback.
- If the videos from the same camera are displayed on the list, the next list video in playback mode or the previous list video in reverse playback mode will be played back consecutively.

Note

- If a password is set to the video, a password will be requested. The video will be played only when the correct password is confirmed.
- Playback images and audio may sometimes not be synchronized exactly.

The playback operation buttons enable the following operations.

- **[Play] button:** Starts the playback.
- **[Rev play] button:** Plays the image backwards.
- **[FF] button:** Plays the image at high speed.
- **[FR] button:** Plays the image backwards at high speed.
- **[Pause] button:** Pauses the playback.
- **[Next image] button:** Moves to the next image. It is operable only when playback is paused.
- **[Prev image] button:** Returns to the previous image. It is operable only when playback is paused.
- **[Skip button] button:** Plays the next video with the same camera displayed in the list.
- **[Reverese skip] button:** Plays the previous video with the same camera displayed in the list.

Search and video playback

- The date on which the videos exist is displayed in bold in the calendar; select the date in bold, enter search conditions (start and end time, camera and REC event), then click the Search button. Only the videos that meet the specified conditions will be displayed to the list and played from the start time.
- The selected date is displayed with a red circle on the calendar.
- When [All] is selected for the REC event, it filters by conditions other than event type.
- Clicking the All List button will cancel the search conditions and display the original list.

Make the image easy to see

Display enlarged images

- When setting a cursor on the image display and manipulating the mouse wheel, digital zoom is displayed.
- Clicking the image during zoom display changes the screen center to the clicked position.

Change the display size

- : Enlarges the window display.
- : Returns the enlarged window display to the original size.
- : Display the image maximized to the whole window.

The maximized image to the whole window is returned to the original by the button or the [Esc] key.

Change the display format

- **Aspect:** Displays the image in the screen with the aspect ratio kept.
- **Scaling:** Displays the image with it expanded or contracted to fit in the screen.
- **PixelbyPixel:** Displays 1 pixel of the screen on 1 dot.

When you click the image in the screen of pixel by pixel, the center position changes to the point where you have clicked.

Smooth the high-speed playback

- **Smooth:** Checking the box enables a smooth, high-speed playback.
- The fast playback speed may be limited depending on the performance of the PC in use or process status.

Plays the fisheye image of the fisheye network camera (made by i-PRO, hereinafter called "fisheye camera")

When you select a fisheye image which can be corrected, the image will be corrected and displayed on 1-screen PTZ/4-screen PTZ. After clicking the image during corrected display on 1-screen PTZ/4-screen PTZ, the clicked position will be centered on the screen.

- : Returns the image to the fisheye image.

- : Corrects the image on 1-screen PTZ.

- : Corrects the image on 4-screen PTZ.

Adjust the volume

- When the audio data is available, a button to adjust the audio will be displayed.
-   : Adjusts the volume. Clicking the button can switch the volume in three levels.
- : Toggles Audio playback/Silent.
- If the audio is controlled or adjusted by another application, the audio may not be played correctly on the HDD viewer. To play the audio correctly, adjust the audio only with the HDD viewer.

Save still images

- Images that are displayed in the pause state on the image display area can be saved as a JPEG file.
- : Name and save paused images.

Export the video as a file

- You can export video data files to any folder on your PC.
- When the video data is exported, the data is exported as an image data file (filename.n3r) and an audio data file (filename.n3a). Refer to "Play back the copied/downloaded images on a PC" of the Operating Instruction on how to play exported video.

STEP1

- Click the button.
    - File advanced window will be displayed.

STEP2

- Set [Start Time & Date] and [End Time & Date], check the [Camera] you want to export, enter any folder name in the output folder or click the button to select the output folder.

Note: Check [All] if you want to export the videos of all cameras.

STEP3

- Click the Stat Start Exporing button.
    - Starts file export of the video that meets the specified condition, and displays the result when the export is completed.

Print the displayed image

- You can print images displayed in a paused state on the image display unit with the printer.
- ![printer icon]: Prints the image on pause with the date and time.

Play the audio from the network microphone

When the audio from the network microphone is recorded in the audio data, audibility around the specified location can be improved with mouse operation on the image.
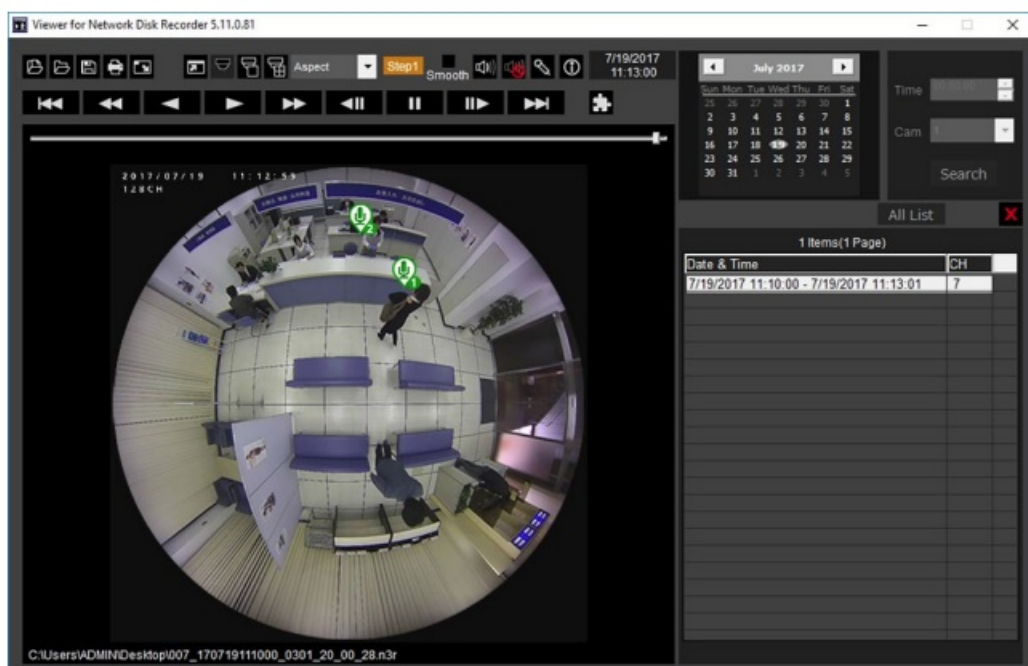
Step 1
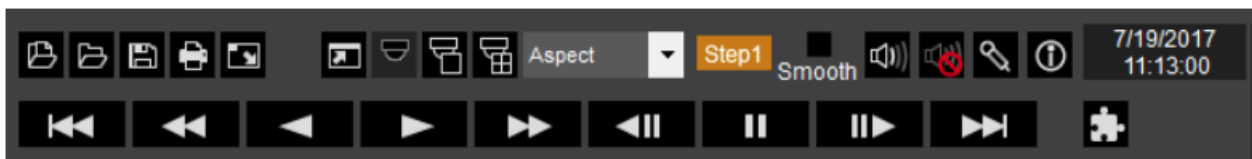
- To specify a sound collecting position, click the ![mic button] button. (The ![mic button] button will be displayed when playback is started.)

  - The menu for setting the sound collecting position will be displayed.

Step 2

- The sound collecting position can be specified at two points at maximum. When the ![mic1 button] and/or ![mic2 button] button is

clicked, the and/or icon will be displayed on the screen. Drag the icon and drop it at a desired location.

- The audibility of the place where the icon is dropped will be improved.

Note

- For video data where audio from the network microphone is not recorded, the button will not be displayed.
- If both sound collecting positions are not specified, non-directional sound will be played.
- When "Aspect" is selected for the display format, the button will be displayed.
- The audibility can be adjusted with the "Voice clear" setting.
    - **OFF:** Not adjustable
    - **Low:** Low effect
    - **High:** High effect
- The audio noise reduction function will always be enabled if "Noise Reduction" is marked.
- Click the button to return to the normal display.

When the fisheye images of the fisheye camera are displayed in 1-screen PTZ/4-screen PTZ with compensation, the audio from the network microphone will be output at the sound collecting position previously specified with the fisheye image. To change the position, return to the fisheye image display.

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Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use.
The model number is abbreviated in some descriptions in this manual.

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Documents / Resources

i-PRO WJ-NX400K-G HDD Viewer Software [pdf] Instruction Manual
WJ-NX200K, WJ-NX200K-G, WJ-NX300K, WJ-NX300K-G, WJ-NX400K, WJ-NX400K-G, WJ-NX400K-G HDD Viewer Software, WJ-NX400K-G, HDD Viewer Software, Viewer Software, Software