

Release Note
Panasonic Network Camera Recorder with Viewer Software
BB-HNP17A

Change history

V4.05R02

- **Modification:**

1. Change company name notation in the program to the new company name.

V4.05R01

- **Corrections:**

1. Fix recording may not start up on Windows 10.
Fix an internal communication error may occur and may fail to start recording when you start the program in Windows10.
2. Change the limit of recording capacity per camera
Fix an internal communication error may occur and may fail to start recording when you start the program in Windows10.
3. Improve focus-related buttons on the multi-monitoring screen
On WV-series network cameras which equipped with focus function, improved an issue that focus-related buttons cannot be used due to grayed-out.

V4.05R00

- **Additions:**

1. Support new network cameras.
It enabled to connect the following network cameras (new models).
 - SFN6**/SFV6**/SPN6**/SPW6** series
 - SFN3**/SFV3**/SPW3** series
 - SPN5** series
 - BB-SC364
 - BB-SW374
2. Support Sound Detection Recording
At the sound detection enabled WV series network cameras, it was to be able to sound detection recording.
3. Add new dialogs
 - When 17 or more units are recording simultaneously, it will appear pop-up message that prompts the 16 units or less in order to ensure stable operation.
 - GUI startup, to display the manual recording list, you have to be able to stop recording from the screen.
4. Improve search page
 - Add the date to the search criteria.
 - Add the right-click menu, operations such as file deletion was to allow easy.
 - Add a tip to the play button to describe a method of changing the playback speed.
 - Improved so that it can be deleted by specifying a date range of recorded files.
 - Improved to be able to specify a time range to play.
 - Improved so that search results can be sorted by camera name.
 - Improved so as to hold the search results.

- Playback information of the search results and multi-playback will be cleared by changing date.
5. Support the function of reproducing the saved recorded data on another PC
 - The recorded USB-HDD of PC-A can be connected to the PC-B to playback on the program of the PC-B.
- **Modifications:**
 1. Procedures to playback video to be simplified.
By clicking the multi-playback button to search and to view the timeline automatically.
 2. Support 16:9 display in search screen.
Shrink search screen vertically for 16: 9 display to fit.
 3. Improve the multi-monitoring and the multi-playback screens
 - Changed the design of the layout button on the user settings.
Also, changed "Minimize" and "Exit" buttons to common designs
 - In multi-playback screen, improved to be able to change the playback speed even during playback.
 - To reduce display load, changed the max. frame rate of the display to be the frame rate of the camera setting.
 - Added choices of Enable / Disable for the click to center.
 - Added a "fit in the display area" to the image display format.
Also improved to allow switching the display format on the keyboard.
 4. Automatic setting to the camera
Allow to choose ON/OFF for the automatic camera setting although this software had automatically set when a camera was registered due to there are cases of a problem when being combined with the use of a browser.
 5. Improve not to loose the camera setting information.
Fix an issue that may loose camera settings information managed by this software if the PC is running under heavy load due to write error.
 6. Other improvements
 - Expanded up to 32-digit for the "user name" and "password" at registration screen.
 - Abolished the limit 500GB of storage destination capacity of each camera.
 - Added a function to stop all manual recordings in the list of manual recording button.
 - Made the execution speed of the repair function to be faster.

V4.04R03

- **Corrections:**
 1. Enhanced security.

V4.04R02

- **Modifications:**
 1. Improved the phenomenon that when continuation recording is manually carried out by MPEG-4/H.264, there is a day when search results are not displayed.

V4.04R00

- **Additions:**
 1. Supports Portuguese as the displayed language

2. Support new WV series network camera
It enabled to connect the following DG series network camera which is a new model.
 - WV-SW450 series
 - WV-SF430 series
3. Digital Pan/Tilt function
It enabled to perform digital Pan/Tilt function in Multi-Monitoring / Multi-Playback window. With it, Pan/Tilt button is added to Multi-Play Window.
4. Bit rate setting menu of camera
It enabled to set up the bit rate of camera from setting screen.
5. Window size
It enabled to change window size into arbitrary sizes.

- **Modifications:**

1. Image Rendering Method
It enabled to select Image Rendering Method of Multi-Monitoring / Multi-Playback window as measure which may not be able to display according to environment, such as the driver for display. Auto(default)/DirectX-Graphics/DirectDraw/GDI
2. Improvement of audio quality of WV series network camera
The audio quality when monitoring or playback for cameras set to [MPEG-4] or [H.264] has been improved.
3. Improvement of play back
The phenomenon that summer time changes and there is a case where it becomes impossible to play back the file recorded before.

V4.03R00

- **Additions:**

1. Audio recording of WV series network camera
Although it has recorded only for cameras set to [JPEG] until now, audio recording can be made also for cameras set to [MPEG-4] or [H.264].
2. Audio transmission of WV series network camera
Although audio transmission was not able to be carried out until now, it can be made to carry out for cameras set to [JPEG].
3. Support Internet Mode
It corresponded to the Internet mode of WV series network cameras, it could be made to perform recording/monitoring by MPEG-4/H.264 of the camera put on the Internet.
4. Supports Network Video Encoder
It enabled to connect Network Video Encoder WJ-GXE500.
5. Add the following buttons to Multi-Monitoring Window
 - Pan/Tilt button
 - Focus button (Auto/Near/Far)
 - Auto Mode button (Auto track/Auto pan/Preset Sequence/Patrol)
6. Support IPv6
 - It enabled to remote access in IPv6 address.
 - Also it enabled to register WV series network camera in IPv6 address.

- **Modifications:**

1. Audio transmission
The phenomenon that during recording, audio transmission from Internet Explorer to WV series network cameras cannot be performed is improved.

V4.02R00

- **Additions:**
 1. Supported widescreen displays
Supported 16:9 and other sizes of widescreen displays.
The Multi-monitoring and Multi-playback screens are displayed with the full screen size.
 2. Supported 64 bit version OS (Windows 7, Windows Vista, Windows XP, Windows Server 2003/2008)
- **Modifications:**
 1. Improved Motion/Alarm Detection Recording of WV series network cameras
Motion/Alarm detection can also be set for cameras set to [MPEG-4] or [H.264] data formats in the WV series network camera. The motion detection in this case is executed on not this program but the camera side. When the motion detection is done, the DG series network camera transmits the detection signal to this program. This program receives the signal and does the motion detection.
 2. Improved File conversion
When converting Recorded Images to MPG/ASF/AVI formats, the resolution after the file translation can be specified and the image quality is improved.
 3. Improved the frame rate specification of BB series network camera
0.1-0.5fps is added to the frame rate specification of the BB series network camera for the line of the narrowband.
Before: 1~30fps
After : 0.1/0.2/0.3/0.5/1~30fps
 4. Improved the Navigation window
The total processing of the recording file is executed when the navigation screen is opened, and it is likely to require it for several minutes when there are large capacities HDD, NAS, and a lot of recording file. Then, the dialog to be able to confirm the progress report is displayed.
 5. We have changed the path for storing database files to improve access speed and to avoid delaying write/delete with external storage device such as NAS as follow;
Previous: Same folder with database (Ex: NAS)
New : Under the folder with installation of the software(C:\Panasonic\Ncr4\index)
(2013/12/24 added)

V4.01R00

- **Additions:**
 1. Added WV Series Network Camera to the support camera
The following WV series network cameras are supported by this software:
*WV-NP502 (version 1.02 or later)
*WV-NW502S (version 1.02 or later)
*WV series cameras released after May 2010
Note: Refer to "Chapter 4 Using WV Series Network Cameras" of Operating Instructions for the limitations.
 2. Added Camera connection status notification by E-mail
The camera's connection status can be sent by E-mail to specified E-mail addresses in cases such as when the camera and PC become disconnected due to network problems.
 3. Added Event detection notification by E-mail
Event detection (Motion Detection, Alarm Detection, Sound Detection, and Shock Detection) notifications can be sent by E-mail to specified E-mail addresses.

4. Improved the monitoring performance of H.264
The frame rate in the monitor screen (1280x960, 1x1 layout) has improved from 2fps to 25fps.
5. Added "Control after camera operation" setting menu in Preset Sequence window
If cameras are operated (pan/tilt, zoom, etc.) on the Multi-monitoring screen during preset sequence operation, the preset sequence will be stopped. Set the preset sequence operation for after a preset sequence has been stopped.
6. Improved the formula of Record Size(estimate) of MPEG-4
Although Record Size(estimate) of MPEG-4 was calculated based on the frame rate, it changed so that it might calculate based on the bit rate, and it has improved so that it may become a more exact estimated value.

V4.00R01

- **Corrections:**

1. Improved the phenomenon that focus may shift when wide operation of zoom function is carried out on multi-monitoring screen.
(target models: model with zoom function, such as BB-HCM580A and BB-HCM581A)

V4.00R00

- **First release version**

How To Upgrade

1. Make sure the Network Camera Recorder is installed and its license has been registered.
2. Access the following URL from a web browser:
<http://panasonic.net/pcc/support/netwkcaml/download/>
3. Click [hnp17a_v4**R**us.exe] for [Network Camera Recorder with Viewer Software/BB-HNP17A v4.**R10], and save the "hnp17a_v4**R10**.exe" to your PC.
4. Double-click to run the "hnp17a_v4**R**us.exe", saved in step 3, and follow on-screen instructions.

Note:

The installation target must be the same folder as the original program has been installed.

- The extracted setup files will not be deleted automatically.
- It is necessary to uninstall the original program. You will be prompted to uninstall the Network Camera Recorder during the upgrade procedure; follow the on-screen instructions to uninstall the original program.

How To Confirm

Please confirm if the installation was successful by the following procedure:

1. Double-click the shortcut icon for "Network Camera Recorder with Viewer Software Ver. 4" to start the program.

Notes:

The following dialogs might be displayed when starting.

There is no influence in the recorded image, and advance it to the next step, please click "OK" button.

"The recorded image file's control method will be changed for increased performance."

2. Select [Help] -> [About Network Camera Recorder with Viewer Software Ver. 4].
3. If the version number is displayed "4.05R02", the installation was successful.

Acknowledgments

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1. Andrea Micalizzi (rgod) working with HP's Zero Day Initiative(CVE-2014-8756)