

# **Panasonic<sup>®</sup>**

## **Installation Guide**

**Disk Recorder Management Software**

**PC Software Package**

Model No. **WV-ASM200**



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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## Features

The PC Software Package WV-ASM200 Series\* is designed for integrated management of multiple Panasonic network disk recorders, digital disk recorders (hereinafter referred to as recorders), network interface units (hereinafter encoders), network cameras (hereinafter cameras), and network microphones (hereinafter microphone) connected to a network such as a LAN or the Internet, and runs on the Microsoft® Windows® operating system. Refer to the "Compatible devices" section of the "Readme.txt" (included on the provided CD-ROM) for further information about the devices compatible with this software.

By using this software on a personal computer (hereinafter PC) via a network, it is possible to display live images of the cameras on monitors, to play audio from microphones on a PC, to play images and audio stored on the recorder, and to download image files to the hard disk drive of the PC.

\* The WV-ASM200 Series also includes Extension Software (option).

## About this installation guide

This installation guide contains descriptions of how to install this software.

There are two operating instructions (PDFs) on the CD-ROM; the setup instructions and the operating instructions.

The setup instructions contain descriptions of how to perform the required settings before starting operation, for administrators (ADMIN users).

The network settings will be different depending on the settings of the LAN or the Internet service provider.

Refer to the network administrator for further information about the network settings.

Refer to the operating instructions (PDF) for how to operate each function.

The descriptions in the following pages are based on the assumption that Microsoft® Windows® 7 Professional runs on a PC.

Operation windows may not be the same as those appearing on the pages when a different OS is used or different settings are applied.

When using other OS, refer to the operating instructions of the respective OS.

Adobe® Reader® is required to read these operating instructions (PDFs).

When the Adobe® Reader® is not installed on the PC, download the latest Adobe® Reader® from the Adobe web site and install it.

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## Abbreviations

These are descriptions of the basic terms used in these operating instructions.

Microsoft® Windows Vista® Business SP2 (32-bit) and Microsoft® Windows Vista® Business SP2 (64-bit) are described as Windows Vista.

Microsoft® Windows® 7 Professional SP1 (32-bit) and Microsoft® Windows® 7 Professional SP1 (64-bit) are described as Windows 7.

Microsoft® Windows® 8 Pro (32-bit) and Microsoft® Windows® 8 Pro (64-bit) are described as Windows 8.

Microsoft® Windows® 8.1 Pro (32-bit) and Microsoft® Windows® 8.1 Pro (64-bit) are described as Windows 8.1.

Microsoft® Windows® 10 Pro (32-bit) and Microsoft® Windows® 10 Pro (64-bit) are described as Windows 10.

## Network security

As you will use this product connected to a network, your attention is called to the following security risks.

- ① Leakage or theft of information through this product
- ② Use of this product for illegal operations by persons with malicious intent
- ③ Interference with or stoppage of this product by persons with malicious intent

It is your responsibility to take precautions such as those described below to protect yourself against the above network security risks.

- Use this product in a network secured by a firewall, etc.
- If this product is connected to a network that includes PCs, make sure that the system is not infected by computer viruses or other malicious entities (using a regularly updated anti-virus program, anti-spyware program, etc.).
- Protect your network against unauthorized access by restricting users to those who log in with an authorized user name and password.
- After the product is accessed by the administrator, make sure to close the web browser.
- Change the administrator password periodically.
- Apply measures such as user authentication to protect your network against leakage or theft of information, including image data, authentication information (user names and passwords), alarm mail information and FTP server information.

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# System requirements

It is recommended to install this software on a PC that meets the following system requirements.

OS*1:	Microsoft® Windows® 10 Pro (32-bit)*2 Microsoft® Windows® 10 Pro (64-bit)*2 *3 Microsoft® Windows® 8.1 Pro (32-bit)*2 Microsoft® Windows® 8.1 Pro (64-bit)*2 *3 Microsoft® Windows® 8 Pro (32-bit)*2 Microsoft® Windows® 8 Pro (64-bit)*2 *3 Microsoft® Windows® 7 Professional SP1 (32-bit)*2 Microsoft® Windows® 7 Professional SP1 (64-bit)*2 *3 Microsoft® Windows Vista® Business SP2 (32-bit)*2 Microsoft® Windows Vista® Business SP2 (64-bit)*2 *3
OS language:	English, French, Spanish, German, Italian, Russian, Chinese (Simplified Chinese)
Computer:	IBM PC/AT Compatible
CPU*6:	Intel® Core™ i7-860 or faster Intel® Core™ i5-2400, 2500
Memory*6:	3 GB or more
Video memory*6:	VRAM 512 MB or more (256 MB minimum), compatible with DirectX®9.0c
CD-ROM drive:	Necessary to install this software
Required hard disk space:	Approx. 3 GB*4
Monitor:	1280 x 800 pixels or more (1920 x 1080 pixels recommended when using live monitor), 24-bit True color or better (Full color recommended)
Interface:	100/1 000 Mbps Network interface card must be installed*5

\*1 This software is designed based on the default style or the font size of Microsoft® Windows Vista®, Microsoft® Windows® 7, Microsoft® Windows® 8, Microsoft® Windows® 8.1 and Microsoft® Windows® 10.

When the display style or the font size is changed from the default, it may be possible that the layout of this software collapses.

\*2 When using Microsoft® Windows Vista®, Microsoft® Windows® 7, Microsoft® Windows® 8, Microsoft® Windows® 8.1 or Microsoft® Windows® 10, refer to "Readme.txt" for further information about the system requirements, precautions, etc.

\*3 Operates in WOW64 (32-bit mode).

\*4 It is required that Microsoft® SQL Server® 2012 Service Pack 1 (SP1) Express is installed on the PC to use this software. It is necessary to prepare other disk space exclusively as storage for database and files downloaded from the recorder in addition to the required disk space for installation of this software.

\*5 The network settings on the PC must meet those of the network environment where the PC is connected. Operations of this software on a PC with two network interface cards or more will not be covered by the warranty.

\*6 Refer to the setup instructions (PDF) for further information about the system requirements to use the Extension Software (option), 9M Fisheye network camera, 7-series cameras (3840x2160 or more) and/or 4K monitor.

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## Important:

- This software must be installed by the administrator. Otherwise, any problems will not be covered by the warranty.
  - This software uses Microsoft® SQL Server® 2012 Service Pack 1 (SP1) Express as the database. If any other database is installed, the database files may be damaged and this software may not work correctly.
  - Operation of this software on remote desktop is not guaranteed.
  - While running this software, do not log out of the PC nor shut down the PC. Otherwise, operation of this software may become unstable.
  - Do not use other applications, especially heavy load types, while this software is running. Otherwise, the CPU overload and the shortage of resources will cause malfunction and insufficient performance.
  - When no sound card is installed, the buzzer will not sound at an alarm/error occurrence. The audio transmission/reception function is also unavailable.
  - Use of 2-byte characters for a user name causes installation failure. Create a user name with 1-byte alphanumeric characters and perform installation.
  - Windows XP mode for Microsoft® Windows® 7 is not supported.
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# Installation

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**Important:**

- Before installing this software, make sure that no other Panasonic disk recorder management software such as WV-AS65, WV-ASM10 or WV-ASM100 (WV-ASM100L) is installed on the PC. When the other Panasonic disk recorder management software and this software are on the same PC, operations of this software will not be covered by the warranty.
  - When reinstallation is necessary, uninstall the existing software before starting the reinstallation. An overwrite installation may cause unstable operations. When this software is uninstalled, the setup data of this software will be deleted. When the setup data is necessary, save the setup data before uninstalling this software.
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1. Insert the provided CD-ROM Disk 2 into the CD-ROM drive on the PC.
  2. Double-click "SQLServerSetup.exe" in the folder "1 SQLServer".
    - The installer of "Microsoft® SQL Server® 2012 Service Pack 1 (SP1) Express" will be launched.  
Install the software by following the instructions displayed on the monitor.
  3. Double-click "setup.exe" in the folder "2 Disk Recorder Management Software". If Microsoft® .NET Framework 4 has not been installed on the PC, it will be installed automatically. Wait until the installation is complete. Then, the installer of Disk Recorder Management Software will be launched.
    - The installer of "2 Disk Recorder Management Software" will be launched.  
Install the software by following the instructions displayed on the monitor.  
When installed with the ALL option, the executable files, etc. will be copied on a newly created folder "C:\ProgramFiles\Panasonic\ASM200".
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**Note:**

- When Microsoft® .NET Framework 4 is not installed on the PC in use, the installer of Microsoft® .NET Framework 4 will automatically be launched. Install the software by following the instructions displayed on the monitor. When the installation is completed, the PC will automatically be rebooted. After the PC is rebooted, the installer of "Disk Recorder Management Software" will be launched.
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4. Configure the exceptional settings of Windows Firewall.  
Refer to the setup instructions (PDF) for further information.
5. Reboot the PC.  
When completing steps 1 - 4, reboot the PC to complete the installation.

## Launching the software

Refer to the setup instructions or the operating instructions of the WV-ASM200 for how to launch this software.

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**Important:**

- When using this software, be sure to register the "Registration Key". Refer to the Activation Key Card for further information about how to obtain the "Registration Key".
  - When the "Registration Key" for the demo edition is registered, this software will be launched in the demonstration mode. The demonstration mode is available only during the limited period.
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# Uninstallation

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**Important:**

- When this software is uninstalled, the setup data of this software will be deleted. When the setup data is necessary, save the setup data before uninstalling this software.
- The data downloaded from the recorder will not be deleted even when this software is uninstalled.
- Microsoft® SQL Server® 2012 Service Pack 1 (SP1) Express will not be deleted even when this software is uninstalled. Also, Microsoft® .NET Framework 4 will not be uninstalled. If necessary, uninstall them after uninstalling this software first.
- When a message window is displayed in the process of the uninstallation to ask you to quit the applications, click the [Cancel] button on the displayed window to cancel the uninstallation. After stopping the appropriate services, retry the uninstallation.

Refer to the operating instructions of the OS in use for how to stop the services.

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1. Open "Add or Remove Programs" in "Control Panel".
2. Select "WV-ASM200 Series" from the presently installed programs and click the [Remove] button.  
→ The uninstall program will be launched and the wizard will be displayed.
3. Uninstall the software by following the instructions displayed on the monitor.

**For U.S. and Canada:**

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