

iii-PRO

Installation Guide

Facial Recognition Server Software

Model No. **WV-ASF950**



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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Disclaimer of warranty

This product is designed to search/verify a specified face from database that stores face information and thumbnail images created based on faces captured by network cameras, and display statistical information by operation using a client terminal or system compatible with this product. This product by itself is not designed for crime prevention.

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Features

Facial Recognition Server Software WV-ASF950 (hereinafter this software) is the face recognition software for surveillance systems working on Microsoft Windows operating system. The computer (hereinafter PC) on which this software is installed receives the face image captured by the particular network cameras (hereinafter cameras), and stores the facial image and facial feature information in the database. You can detect a specific person by alarm notification which it is send when he/she is verified against a registered person in the database, or by certain operation from client terminal connected with this PC.

This software includes four cameras license. To increase camera number as five or more, it is necessary to register the license of the Additional Camera Kit (option).

For supported cameras information, please read readme.txt in the supplied DVD-ROM.

Standard accessories

| | |
|--|-------|
| DVD-ROM*1 | 1 pc. |
| Installation Guide (this document) | 1 pc. |
| Activation Key Card (for this software) | 1 pc. |
| Activation Key Card (for camera extension kit) | 1 pc. |

*1 The DVD-ROM contains the installation program for this software and the operating instructions (Help file).

About Additional Camera Kit (option)

Number of cameras to be used in this software can be increased by purchasing the Additional Camera Kit listed below.

For one camera license: WV-ASFE901, WV-ASFE901W
For four camera license: WV-ASFE904, WV-ASFE904W

About this installation guide

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

About how to perform the required settings before starting operation or how to operate each function of this software, refer to the operating instructions (Help file) on the supplied DVD-ROM.

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.

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Open source software

This software uses open source software. Refer to the operating instructions (Help file) for the open source software license.

Abbreviations

These is a description of the basic term used in this document.

Microsoft Windows 10 Pro RS4 or later (64-bit) is 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 set by using user authentication.
- After the product is accessed by the administrator, make sure to close the web browser.
- Change the administrator password periodically. Keep the authentication information (your user name and password) in a safe place free from public view.
- 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.

Copyright

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System requirements

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

| | |
|---------------------------|--|
| OS: | Microsoft Windows Server 2016 Standard Edition* ¹ Microsoft Windows 10 Pro RS4 or later (64-bit)* ¹ |
| OS language: | English, French, Spanish, German, Italian, Russian, Chinese (Simplified Chinese) |
| Computer: | IBM PC/AT Compatible |
| CPU: | Intel® Xeon® Intel® Core™ i7-3400 or faster (4 core 8 thread or more) |
| Memory: | 32 GB or more |
| GPU board: | NVIDIA® Quadro® P5000 |
| DVD-ROM drive: | Necessary to install this software |
| Required hard disk space: | Approx. 1 TB* ² |
| Monitor: | 1280 x 800 pixels or more, 24-bit True color or better |
| Interface: | 100/1000 Mbps Network interface card must be installed* ³ |

*1 When using Microsoft Windows 10, refer to "Readme.txt" for further information about the system requirements, precautions, etc.

*2 It is necessary to prepare other disk space exclusively as storage for database and files downloaded from the camera and/or client software in addition to the required disk space for installation of this software.

*3 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.

Important:

- This software must be installed by the administrator. Otherwise, any problems will not be covered by the warranty.
 - While running this software, do not 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.
 - Use of 2-byte characters for a user name causes installation failure. Create a user name with 1-byte alphanumeric characters and perform installation.
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Installation

Important:

- When reinstallation is necessary, uninstall the existing software before starting the reinstallation. An overwrite installation may cause unstable operations.
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1. Insert the provided DVD-ROM into the DVD-ROM drive on the PC.
2. Double-click "ASF950Launcher.exe" under the root directory. If Microsoft .NET Framework 4.6.x has not been installed on the PC, it will be installed automatically. Wait until the installation is complete. Then, the installer of Face Recognition Server Software will be launched.
 - Install the software by following the instructions displayed on the monitor.
The executable files, etc. will be copied on the PC.
3. Reboot the PC.
When completing steps 1 - 2, reboot the PC to complete the installation.

Launching the software

Refer to the operating instructions (Help file) of the supplied DVD-ROM for how to launch this software.

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".
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Uninstallation

Important:

- When this software is uninstalled, the setup data (data base) will not be deleted.
- The data downloaded from the camera or the client terminal will not be deleted even when this software is uninstalled.
- Microsoft .NET Framework 4.6.x will not be deleted even when this software is 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 update a file that are used by the system, click the [Cancel] button on the displayed window to cancel the uninstallation. After stopping the this software's services, retry the uninstallation.

Refer to the operating instructions (Help file) for how to stop the services.

1. Select "Settings" - "Apps" - "Apps & features" from the Start menu.
2. Select "WV-ASF950 Series" from the presently installed programs and click the [Uninstall] 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.
4. Select "Postgre SQL 10.x" from the presently installed programs and click the [Uninstall] button.
 - The uninstall program will be launched and the wizard will be displayed.
5. Uninstall the software by following the instructions displayed on the monitor.

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