



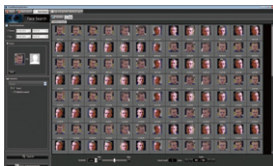
Facial Recognition Analytics Platform running in the video surveillance system

Key Features

- Add-on face matching function: Add the face matching function by simply adding the necessary devices and the software
- Can be connected up to 20 cameras on a server.

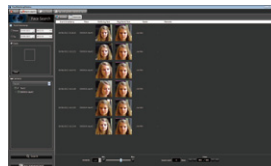
Face search

- Face images that camera detected are stored, and it can be searched later.
- By searching the face DB, you can display the result of each cameras in chronological order and find movement locus of persons.
- Specify camera or date in detected face images and display the result in the list in similarity order.



Face Matching

- When it is matched with registered people, alarm of face matching is output in real-time, and display an alarm history in the list.
- Specified screen image can be played back on control monitor with double-clicking on an alarm history.

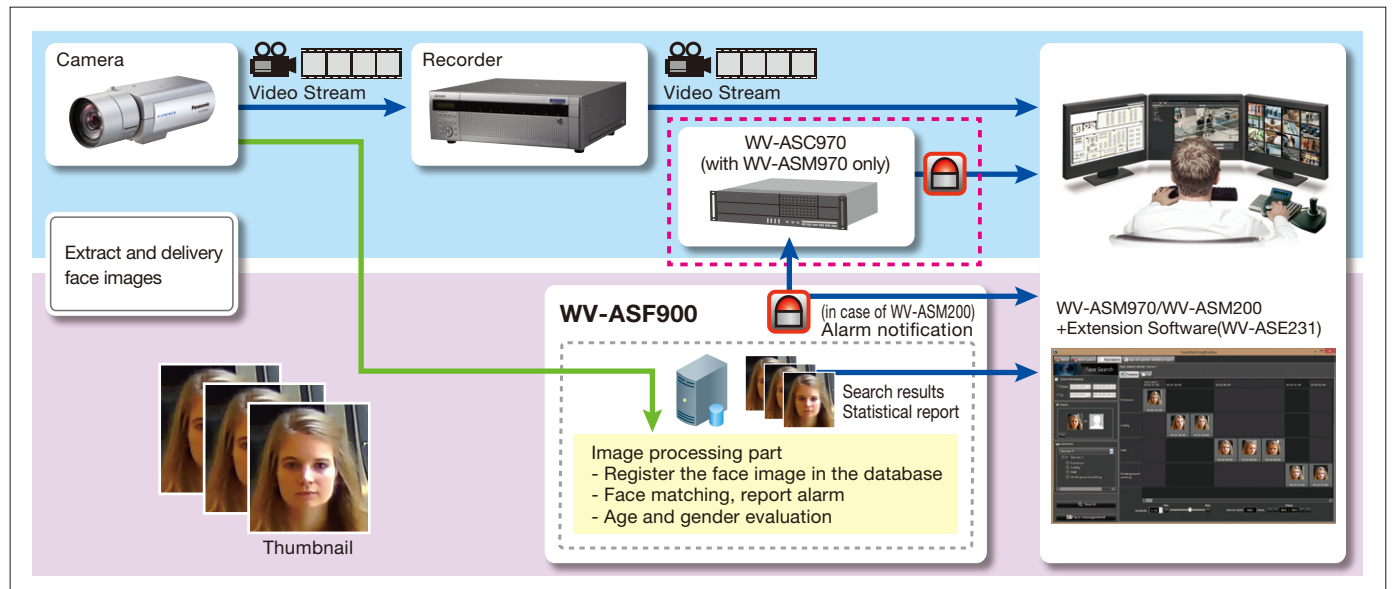


People counting, Age and Gender Statistics

- Count people of detected face and evaluate their age and gender
- Display the result on the screen with statistical graph
- The statistical data can be saved as a CSV file for analytical use.



Basic System Connection Example



Specifications

Basic Specifications

Face matching speed	At 1 second in 1,000 registered faces *From receiving the face thumbnail to matching in face matching server.
Max. number of face in matching list	Up to 1,000 face *Matching accuracy depends on a number of registered person, quality of the face image and environments.
Face searching speed in DB	3 seconds per 5 million faces *In case that the result of a search by specifying the time and face image as the search criteria is 100.
Max. number of face detect camera	10 cameras is suitable, up to 20 cameras per 1 face matching server. *Deploying plural face servers in a system is acceptable.
Max. number of face history	Up to 5 million items
Max. number of client PC that can be linked with the alarm	WV-ASC970/ WV-ASM970 : 64 WV-ASM200 : 4
File extension of registered face image for import	BMP, JPG, PNG

System requirements

Hardware

CPU	Intel® Xeon® series or Core™ i7 processor 2.33GHz (4 core 8 thread) or more
Memory	8GB or more (16GB or more is recommended)
HDD	500GB or more
OS	Microsoft® Windows® Server 2008 R2 Standard SP1, Microsoft® Windows® 7 Professional SP1 64 bit

Network Camera (face detection)

Network Camera	WV-SP306 / WV-SP305 / WV-SC385
----------------	--------------------------------

Management Software

i-PRO Management software + Extension software	WV-ASM200 + WV-ASE231
IP Matrix Server Software + Extension software	WV-ASC970/WV-ASM970 + WV-ASE231

Products Lineup

Face matching server

Product Name	Model No.
PC Software Package	WV-ASF900
Additional Camera Kit	1ch WV-ASFE901
	4ch WV-ASFE904
Extension Software (for WV-ASM200, WV-ASM970)	WV-ASE231

* The performance of the face matching function varies depending on such conditions as the camera installation, camera settings, camera adjustment, surroundings and photographic subjects.

Trademarks and registered trademarks

- Microsoft, and Windows are registered trademarks of Microsoft Corporation in the U.S. and other countries.
- "Intel", "Xeon", "Core" are registered trademarks of Intel Corporation.
- "i-PRO SmartHD" logo is trademarks or registered trademarks of Panasonic Corporation.

Important

- Safety Precaution: Carefully read the operating instructions and installation manual before using this product.
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network.

- All TV pictures are simulated.
- Specifications are subject to change without notice.

DISTRIBUTED BY:

Panasonic

<http://security.panasonic.com>

 <http://www.facebook.com/PanasonicNetworkCamera>

Printed in Japan (2A-112AL)