

# Panasonic

BUSINESS

Auto Tracking Software Key

## AW-SF100

## AW-SF200

2 Additional Licenses **AW-SF202**

3 Additional Licenses **AW-SF203**



## Clear, Sharp Video with Auto Tracking of Presenter



# Face recognition and human body detection for high precision and smooth tracking control for natural-looking video



## Face recognition and human body detection with deep learning\*1 for high-precision auto tracking

The camera uses highly accurate face recognition and high-performance human body detection. Tracking is possible regardless of the direction the subject is facing, so the camera can capture subjects in a lecture setting with almost no interruption, even when the subject turns to write on the board. The human body detection function uses deep learning technology\*1 which accumulates and learns from tens of thousands of human images, achieving highly accurate detection even in settings with poor visibility, such as dark rooms.

### Two core technical features for high-precision auto tracking

#### Face Recognition

This technology compares faces with those that have been registered before to detect the position of faces in the picture.

#### Deep Learning\*1

This technology learns features of the human images for high-precision human body detection.



## GUI for intuitive setting

The auto-tracking settings can be easily made with an intuitive GUI only with the necessary icons to minimize the setting up labor and assist smooth operation. Tracking adjustment tools, such as masking, limiters, tracking disable zone and sensitivity level adjustment, are also available.



<Main View>

•Provisions for correction by an operator are required, as the camera may misdetect or fail to detect a subject depending on the conditions in which it is used. •The screen layout may differ depending on the version you are using. •The face recognition function uses face recognition software from PUX Corporation.

\*1: The software may need to be updated before using this product. Restrictions may also occur depending on your server or PC. See "Service and Support" on Panasonic's website (<https://pro-av.panasonic.net/en/>) for more details.

\*2: This refers to the Standalone version. If using the web app, install the Auto Tracking Software in your HTTP server.

## Using IP-based software to support remote operation

IP-based software brought system flexibility and it achieved IP connection (IP streaming/IP control), installation/operation of camera in classroom from remote locations.

## Simple, low-cost installation to easily migrate to the existing system without additional devices

After installing the Auto Tracking Software on your server or PC\*2, simply connect a 4K/HD Integrated Camera and your auto tracking system is complete – no new sensors or other equipment required! With its simple configuration, this system reduces the startup costs that are usually associated with tracking systems.

\* See the reverse for details on cameras that can be connected.

## AW-SF100 has standalone and Web application versions to choose from; AW-SF200 operates on a server

You can choose to use AW-SF100 as a Web application, so it also supports control from a tablet, smartphone, desktop PC, etc. Providing centralized control of multiple cameras, AW-SF200 uses a floating license for flexible operations matched to the user environment.

### Software key usage examples

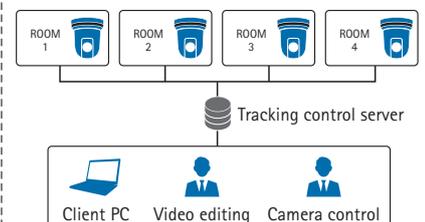
#### AW-SF100

With auto tracking, full-time manual tracking is not necessary. Auto tracking remote camera can record dynamic video with simple operations.



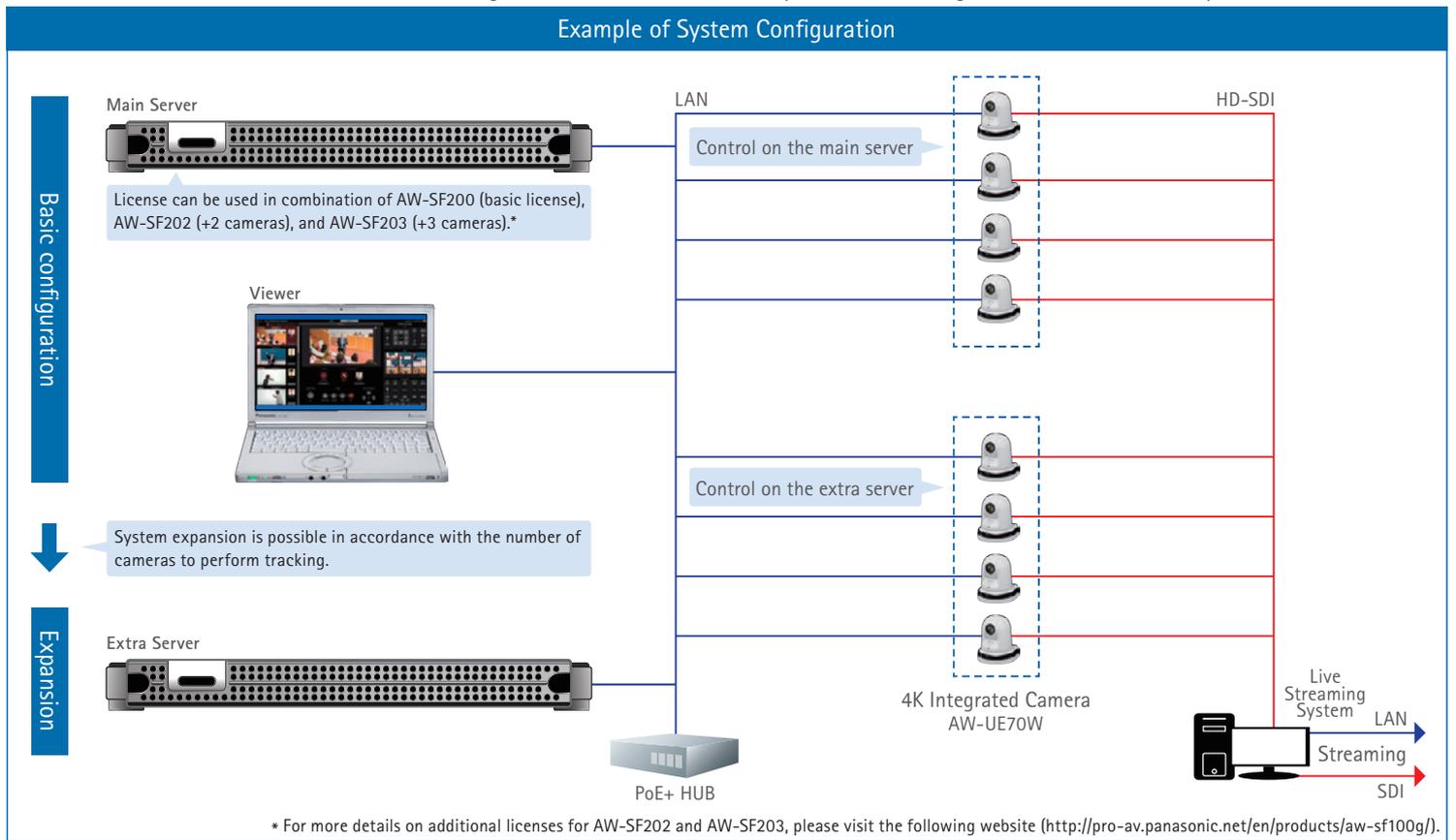
#### AW-SF200

Simultaneous auto tracking and centralized control of multiple cameras are possible. A server and simplified operations enable efficient lecture capture in multiple classrooms.



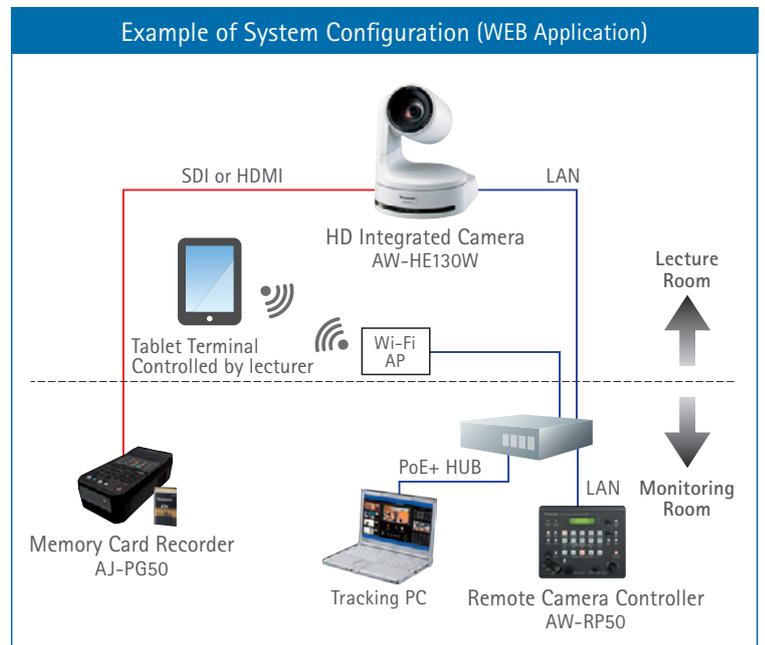
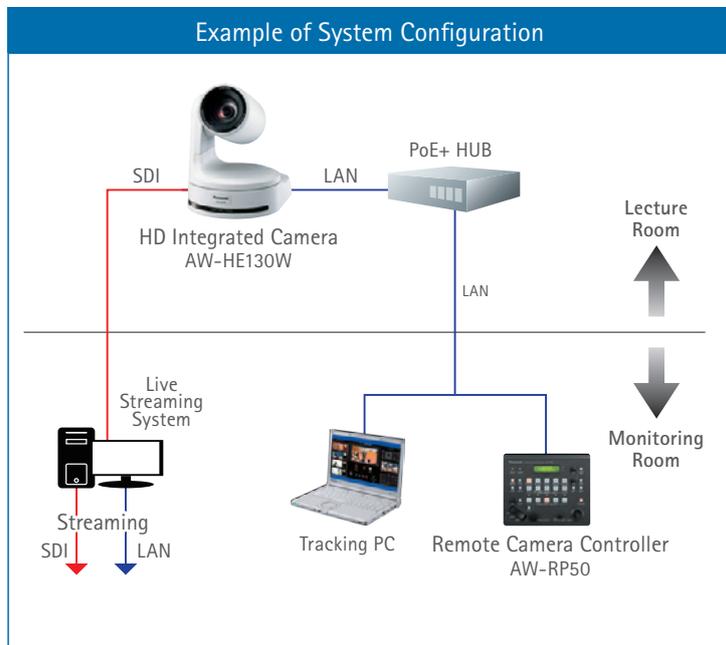
## ● AW-SF200 system example: Lecture capture of entire school

Use of central servers for simultaneous auto tracking and centralized control of multiple cameras in a large hall and cameras in multiple classrooms.

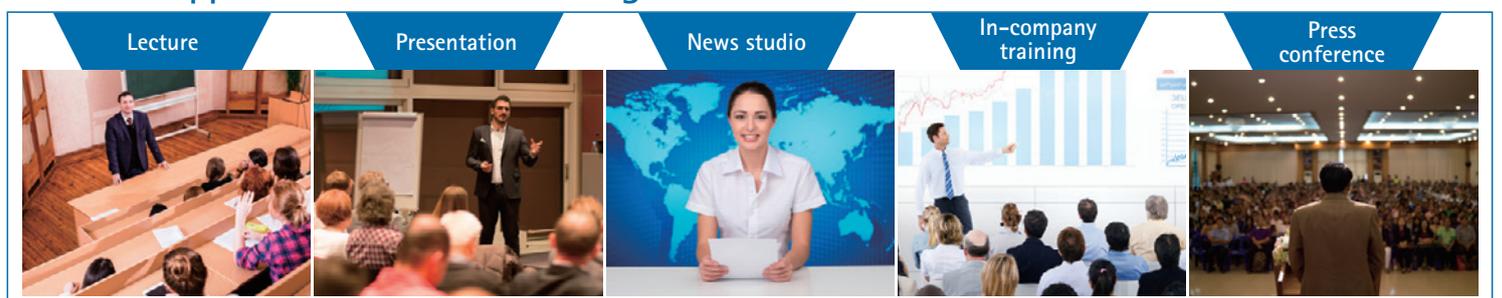


## ● AW-SF100 system example: Lecture capture of a classroom

Auto tracking and control of one camera with one PC.



## ● Various applications of Auto Tracking



Scan these QR codes to view system requirements for the Auto Tracking Software

AW-SF100G



AW-SF200G



### 30-Day Free Trial

There is a 30-day free trial available for Auto Tracking Software. Please purchase this "Auto Tracking Software Activation Key" after checking precautions and confirming that this will work in your environment during this free trial period.

## 4K / HD Integrated Camera Lineup (indoor use only)

### 4K Integrated Camera



AW-UE150W  
[White Model]  
AW-UE150K  
[Black Model]



AW-UE70W  
[White Model]  
AW-UE70K  
[Black Model]



### HD Integrated Camera



AW-HE130W  
[White Model]  
AW-HE130K  
[Black Model]



AW-HE40SW/HW  
[SDI/HDMI White Model]  
AW-HE40SK/HK  
[SDI/HDMI Black Model]



AW-HE42W  
[White Model] **NEW**  
AW-HE42K  
[Black Model] **NEW**  
\* Planned for future.



AW-HE38HW  
[White Model]  
AW-HE38HK  
[Black Model]

For external control, API is released supporting connection with a variety of devices.

<http://pro-av.panasonic.net/en/pass/remote.html>

\* Specifications are subject to change without notice.

# Panasonic®

Panasonic Corporation  
Connected Solutions Company  
2-15 Matsuba-cho, Kadoma, Osaka 571-8503 Japan



For more information, please visit Panasonic web site  
<https://pro-av.panasonic.net/en/qr/>



Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)



Broadcast and Professional AV Website



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