Ultrawide-angle 95 °*1 horizontal viewing and Intelligent Zoom

A Compact HD camera with built-in microphone convenient for P.O.V. (Point Of View) applications

HD Integrated Camera

AW-HE2

For indoor use

| 3.9M MOS | 2x iA zoom | 4x digital zoom | HD/SD |
| DRS | IP control | IP monitoring | |

| HD | 1080/59.94p, 59.94i, 50p, 50i, 720/59.94p, 50p, |
| SD | 576/50p, 480/59.94p |

*1 18 mm in 35 mm equivalent

Suspended (Hanging) style

Stand-alone (Desktop) style

Option

Wireless remote control
AW-RM50G

("AA", "R6" or "LR6"
battery x 2 are not included.)

System example

HD Camera System

Ideal for use in conference, event capturing, video monitoring and sports

■ Key Points
• Up to 100 x AW-HE2 units can be controlled by AW-RP50 via IP connections through Ethernet hubs.
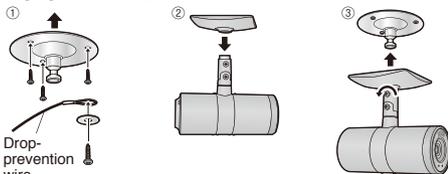
[Key Products]
AW-HE2 AW-HE120W/K AW-RP50
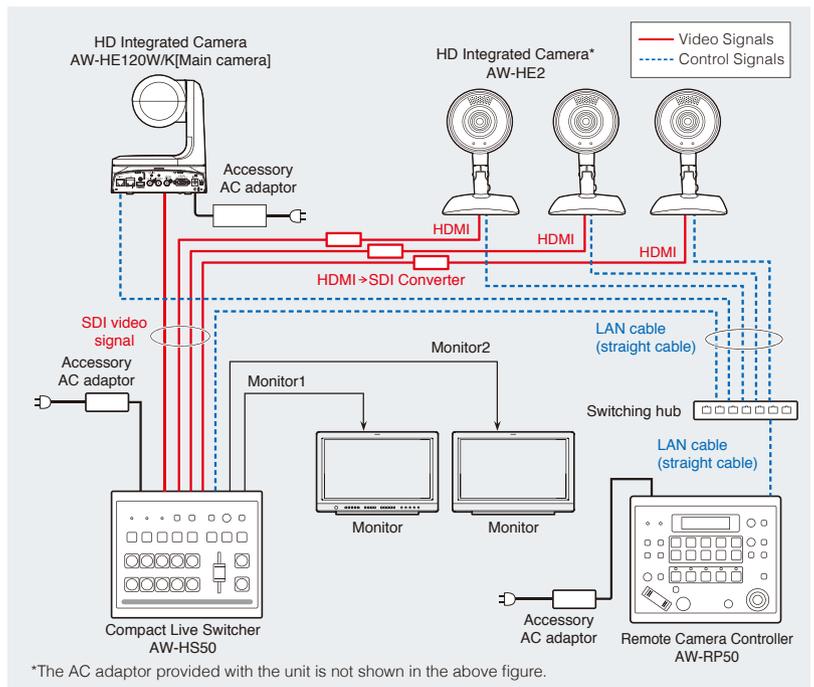
Optimal for both hanging and desktop installation.

The mounting bracket and drop-preventation wire are standard accessories. Ceiling and desktop installation are both possible. Simply mount the bracket to the installation surface and secure the camera unit to the bracket using the horizontal fixing screws on the camera unit.

[Hanging installation]

① ② ③

Drop-prevention wire

• Tightening torque: 1.176 N·m (12 kgf·cm)

* Wiring, mounting, and removal must be done by a qualified technician. To ensure safety, consult with the dealer from whom you purchased the system.

HD Integrated Camera
AW-HE120W/K[Main camera]

HD Integrated Camera*
AW-HE2

— Video Signals
---- Control Signals

Accessory AC adaptor

HDMI   HDMI   HDMI

HDMI→SDI Converter

SDI video signal

Accessory AC adaptor

Monitor1

Monitor2

LAN cable (straight cable)

Switching hub

LAN cable (straight cable)

Monitor   Monitor

Compact Live Switcher
AW-HS50

Accessory AC adaptor

Remote Camera Controller
AW-RP50

*The AC adaptor provided with the unit is not shown in the above figure.

Ultra-compact body integrated with wide-angle lens, microphone, tally lamp and various interfaces

The camera unit is small, but comes equipped with an ultrawide-angle lens, microphone, tally lamp, HDMI and LAN terminals. This model is suitable for P.O.V. (point of view) applications and Internet broadcasting. It can also be used in a variety of other situations. The compact and lightweight body can be installed easily (indoor use) by one person.

118 mm

138 mm

Full-HD MOS, 95 °*1 ultrawide-angle lens, Intelligent zoom and digital pan-tilt for flexible image acquisition

Featuring a 1/4.37 type (effective size) 3.9 mega pixels MOS sensor and ultrawide-angle lens with 95 °*1 horizontal viewing angle. The Intelligent Zoom enlarges the picture two times normal size while maintaining high image resolution. When combined with the digital zoom, images can be enlarged up to four times.*2 This model is suitable for a variety of image acquisition uses ranging from wide-area shooting to telephoto.

×1
Ultra-wide shooting with a 95 ° horizontal viewing angle

×2
High-quality zoom with Super Resolution technology
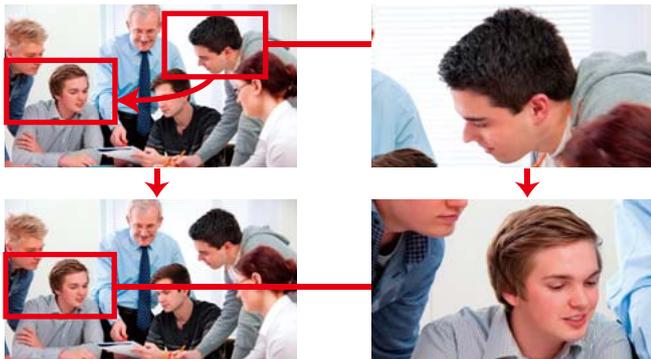
(Images are simulated.)

*1 18 mm in 35 mm equivalent.
*2 Digital zoom increases magnification, but results in degradation of the image quality.

●Digital pan/tilt

When zooming, the image area chosen by the AW-RP120G*3 and AW-RP50*3 or wireless remote control can be moved within the shooting range.

The image in a frame can be freely moved while maintaining the zoom condition
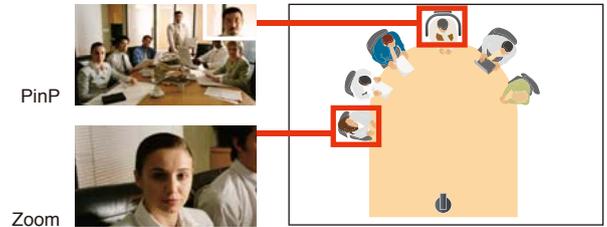
(Images are simulated.)

*3 In case controlling the AW-HE2 from the controller, it is possible to control only functions supported by the AW-HE2.

●PinP (Picture in Picture) mode

A specific area can be chosen from the shooting range and displayed. The PinP image position also can be changed and zooming.

●Preset memory

The Preset Memory function can store settings such as zoom magnification, brightness, PinP display, etc. (up to 9 settings). Settings can be easily accessed from the AW-RP120G*3, AW-RP50*3 or wireless remote control.

PinP

Zoom

(Images are simulated.)

Supporting IP to simplify connection and setup, and ensures comfortable operation.

●IP control for easy connection and setup

IP connection allows control of up to 100 x AW-HE2 units from an AW-RP120G*3, AW-RP50*3 or a PC via a switching hub. IP connection also allows one AW-HE2 to be controlled simultaneously from up to five AW-RP120G and AW-RP50 units.
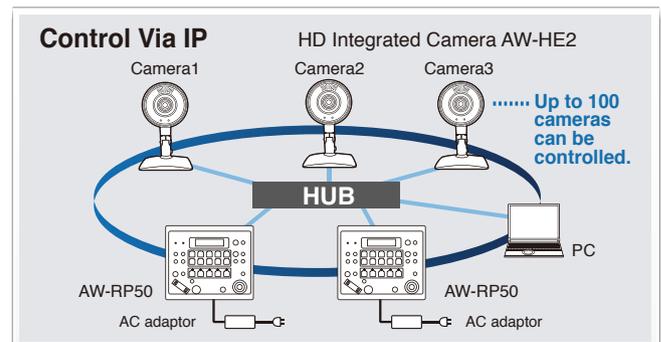
●IP image monitoring supported*4

Features an image compression and IP transmission LSI. The IP image output function allows transmission of images from one camera to one terminal through IP networks. When combined with IP control, the camera can be controlled from a distant location.

Live screen

*4 For more information, see page 18

Control Via IP   HD Integrated Camera AW-HE2

Camera1   Camera2   Camera3

Up to 100 cameras can be controlled.

HUB

AW-RP50   AW-RP50

AC adaptor   AC adaptor

PC

Other features

●Dynamic Range Strech(DRS)

Minimizes blown highlights and blocked shadows to deliver clear images in a wide range of applications.

●Setting camera menus with a PC

Camera menus can be set up via a web browser by connecting the AW-HE2 to a PC.

●Wireless remote controller for easy operation (option)

Up to 4 cameras can be controlled by an optional wireless remote controller (AW-RM50G). The basic operations and menu settings can be done by using the wireless remote controller.