

Panasonic
ideas for life

HD Integrated Camera
AW-HE120W White Model
AW-HE120K Black Model

Preliminary



AW-HE120W (White Model)

New Compact Camera with Integrated Pan-Tilt and Smart IP Control



AW-HE120K (Black Model)

1/3 Type Full-HD "U.L.T.*" 3MOS Image Sensors Enable Stable Shooting with High Levels of Sensitivity, S/N and Resolution

Camera Control with Easy IP Connection Provides Multi-angle Shooting with Wide-range Pan & Tilt

Compact, Space-saving Design and Turn-lock Mounting Mechanism

• Compared with the previous AW-HE100 model.
Approx. **60%** Smaller
Approx. **60%** Lighter



*U.L.T. = Ultra Luminance Technology

HD Integrated Camera | AW-HE120

■ Main Features

- Progressive-compatible U.L.T.* image sensor (1/3 type 2.2 megapixel MOS sensor).
- 20x optical zoom (10x digital zoom), 32 mm wide-angle lens, and ND filter.
- Versatile terminals: HD/SD SDI output, analog component (D-sub15) output, composite output, HDMI connector.
- Formats supported: 1080/59.94p (HDMI only), 1080/59.94i, 720/59.94p, 480/59.94p (HDMI only), 480/59.94i, 1080/50p (HDMI only), 1080/50i, 720/50p, 576/50p (HDMI only) and 576/50i.
- Dynamic Range Stretch (DRS) for minimizing saturation in highlight and block in dark area.
- Silent operation assured by Panasonic-original torque and servo control for low-speed stability, still precision, and low noise level, NC (Noise Criteria) 35.
- Soft body design and two color variation for matching with room decor.
- Turn-lock mounting mechanism enables easy, single-person installation.

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■ Specifications

[GENERAL]

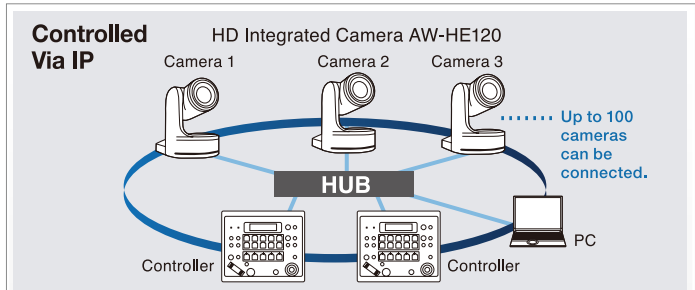
Power Requirements	DC 12 V ± 10 % (AC adaptor provided)
Power Consumption	1.75 A
Weight	Approx. 3.0 kg (Approx. 6.6 lb) (Including the mount brackets)
Dimensions (W x H x D)	180 mm x 228 mm x 220 mm (7.1 inches x 9.0 inches x 8.7 inches) (excluding protrusions, cable cover, direct ceiling mount brackets)

[CAMERA]

Image Sensors	1/3 progressive, 2.2 megapixel, 3MOS sensor
Lens	Motorized 20x zoom, F1.6 to F3.4 (f=4.5 mm to 90 mm, 35 mm equivalent: 32.13 mm to 642.5 mm)
Focus Distance	Entire zooming range : 800 mm, Wide end : 400 mm
Output Format	1080/59.94p*, 1080/59.94i, 720/59.94p, 480/59.94p*, 480/59.94i, 1080/50p*, 1080/50i, 720/50p, 576/50p*, 576/50i
Synchronization System	Internal/External synchronization (BBS/3SY)

■ Simple Connection and Easy Setup by IP Control

- Up to 100 x AW-HE120 can be controlled via IP connection when using network hub (switching hub).
- One AW-HE120 can be controlled simultaneously by up to 5 x AW-RP50 via IP connection.



Interface (Rear View)



[PAN-TILT MECHANISM]

Installation Method*2	Stand-alone (Desktop) or suspended (Hanging) *To ensure safety, AW-HE120 must be secured by using the mount bracket provided.
Pan/Tilt Operation Speed	Max 60°/sec.
Pan Range	± 175°
Tilting Range*3	-30° to 210° *Depending on the pan or tilt position, AW-HE120 may be reflected in the image.
Quietness	NC35
Preset Positions	100
I/F	IP/RS422

*1 When 1080/59.94p, 1080/50p, 480/59.94p and 576/50p are selected, output signals on SDI and analog component are 1080/59.94i, 1080/50i, 480/59.94i and 576/50i respectively.

*2 For safety purposes, the included mounting bracket must be used for installation.

*3 The camera may be subject to external glare, depending on the pan and tilt position.

Specifications are subject to change without notice.

Panasonic®

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Factories of Business Solutions Business Group have received ISO14001:2004-the Environmental Management System certification, (Except for 3rd party's peripherals.)