

**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



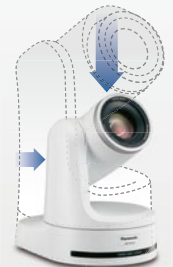
AW-HE120K (Black Model)

**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.

\*U.L.T. = Ultra Luminance Technology

## ■ Specifications

### [GENERAL]

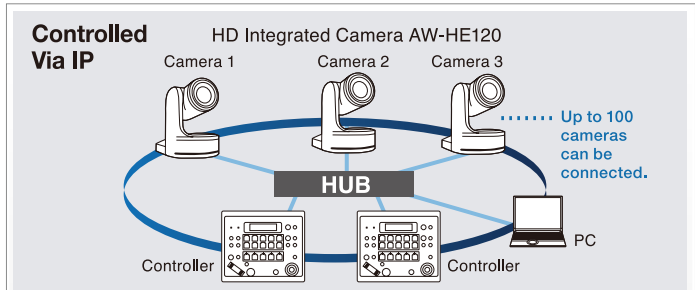
Power Requirements	DC 12 V ± 10 % (AC adaptor provided)
Power Consumption	1.75 A
Weight	Approx. 3.0 kg (Approx. 6.6 lb) (Including the mount brackets)
Dimensions (W x H x D)	180 mm x 228 mm x 220 mm (7.1 inches x 9.0 inches x 8.7 inches) (excluding protrusions, cable cover, direct ceiling mount brackets)

### [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 <sup>*1</sup> , 1080/59.94i, 720/59.94p, 480/59.94p <sup>*1</sup> , 480/59.94i, 1080/50p <sup>*1</sup> , 1080/50i, 720/50p, 576/50p <sup>*1</sup> , 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®

Panasonic Corporation  
Business Solutions Business Group  
2-15 Matsuba-cho, Kadoma, Osaka 571-8503  
Japan  
<http://pro-av.panasonic.net/>

### [Countries and Regions]

Argentina	+54 1 308 1610	Lebanon	+96 11665557	Taiwan	+886 2 2227 6214
Australia	+61 2 9986 7400	Malaysia	+60 3 7809 7888	Thailand	+66 2 731 8888
Bahrain	+973 252292	Mexico	+52 55 5488 1000	Turkey	+90 216 578 3700
Belgium	+32 (0) 2 481 04 57	Netherlands	+31 73 64 02 577	U.A.E. (for All Middle East)	
Brazil	+55 11 3889 4035	New Zealand	+64 9 272 0100		+971 4 8862142
Canada	+1 905 624 5010	Norway	+47 67 91 78 00	Ukraine	+380 44 4903437
China	+86 10 6515 8828	Pakistan	+92 5370320 (SNT)	U.K.	+44(0)1344 70 69 13
Hong Kong	+852 2313 0888	Palestine	+972 2 2988750	U.S.A.	+1 877 803 8492
Czech Republic	+420 236 032 552/511	Panama	+507 229 2955	Vietnam	+848 38370280
Denmark	+45 43 20 08 57	Peru	+51 1 614 0000		
Egypt	+20 2 23938151	Philippines	+63 2 633 6163		
Finland, Latvia, Lithuania, Estonia	+358 (9) 521 52 53	Poland	+48 (22) 338 1100		
	+33 (0) 1 55 93 66 67	Portugal	+351 21 425 77 04		
France	+33 (0) 1 55 93 66 67	Puerto Rico	+1 787 750 4300		
Germany, Austria	+49 (0)611 235 0	Romania	+40 21 211 4855		
Greece	+30 210 96 92 300	Russia & CIS	+7 495 6654205		
Hungary	+36 (1) 382 60 60	Saudi Arabia	+96 626444072		
India	+91 120 247 1000	Singapore	+65 6270 0110		
Indonesia	+62 21 385 9449	Slovak Republic	+421 (0) 2 52 92 14 23		
Iran (Vida)	+98 21 2271463	Slovenia, Albania, Bulgaria, Serbia, Croatia, Bosnia, Macedonia, Montenegro	+36 (1) 382 60 60		
(Panasonic Office)	+98 2188791102		+27 11 3131622		
Italy	+39 02 6788 367	South Africa	+27 11 3131622		
Jordan	+962 6 5859801	Sweden	+46 (8) 680 26 41		
Kazakhstan	+7 727 298 0891	Switzerland	+41 (0) 41 259 96 32		
Korea	+82 2 2106 6641	Syria	+963 11 2318422/4		
Kuwait	+96 522431385				



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