



**Full-HD PTZ Camera with simultaneous 3G-SDI,  
HDMI & USB output**

## **AW-HE20**

PTZ cameras play an increasingly important role in teleworking such as online meetings and online classes. The AW-HE20 offers high image quality, wide shooting angle and high-magnification zoom to provide more comfortable communication through high-quality video images and stable transmission. The AW-HE20 is compatible with a wide range of systems such as SDI, HDMI, USB and IP, thus allowing flexible camera setup and operation. The AW-HE20 is a high-quality entry model. The compact unit can be installed in a small place without getting in the way.

### **Key Features**

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Compact size & wide angle

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Simultaneous 3G-SDI, HDMI & USB output

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High-Quality Video Streaming for More Comfortable Online Communication

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Excellent system flexibility to achieve smart wiring and smooth operation

**HDMI**<sup>™</sup>  
HIGH DEFINITION MULTIMEDIA INTERFACE

**zoom**  
Certified



## AW-HE20

<https://ap.connect.panasonic.com/page/en/aw-he20>

<b>General</b>	
<b>Power Requirements</b>	DC12 V ± 10 % (10.8 V to 13.2 V) (Supplied AC adapter)
<b>PoE+</b>	IEEE802.3 at compliant
<b>Current Consumption</b>	TBD
<b>Ambient Operating Temperature</b>	0 °C to 40 °C (32°F to 104°F)
<b>Ambient Operating Humidity</b>	20 % to 90 % (no condensation)
<b>Storage Temperature</b>	-20°C to 50°C (-4 °F to 122 °F)
<b>Mass</b>	TBD
<b>Dimensions (W x H x D)</b>	TBD
<b>Finish</b>	AW-HE20W: WhiteAW-HE20K: Black
<b>Controller Supported</b>	AW-RP150GJ, AW-RP60GJ, AW-RM50AG
<b>Camera Unit</b>	
<b>Image Sensor</b>	1/2.8-type MOS×1
<b>Lens</b>	Electric 12 x optical zoom F1.6 – F2.8 (f = 3.9 mm – 46.8 mm)
<b>Zoom</b>	Optical zoom: 12 x
<b>Angle of View Range</b>	horizontal angle of view: 71° (wide) to 6° (tele)Vertical angle of view: 43° (wide) to 3° (tele)Diagonal angle of view: 79° (wide) to 7° (tele)
<b>Minimum Illumination</b>	TBD
<b>S/N</b>	TBD
<b>Horizontal Resolution</b>	TBD
<b>Output Format</b>	
<b>Output Format   HDMI   HD</b>	1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i, 1080/30p, 1080/29.97p, 1080/25p, 720/60p, 720/59.94p, 720/50p
<b>Output Format   SDI   HD</b>	1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i, 1080/30p, 1080/29.97p, 1080/25p, 720/60p, 720/59.94p, 720/50p
<b>Input</b>	DC 12 V IN
<b>Output</b>	
<b>Video Output</b>	HDMI, 3G-SDI OUT
<b>Input/Output</b>	
<b>Input/Output Connector</b>	LAN, RS-422, AUDIO IN, USB, RS-232C IN, RS-232C OUT
<b>Pan Tilt Head Unit</b>	
<b>Installation Method</b>	Stand-alone (Desktop) or suspended (Hanging)*2
<b>Panning Range</b>	±170°
<b>Tilting Range</b>	-30° ~ 90° *3
<b>Quietness</b>	NC40 or less
<b>Supported operating systems and web browsers</b>	*4
<b>Windows</b>	Windows 10 Windows® Internet Explorer® 11 ( 32 bit / 64 bit ) Microsoft Edge Google Chrome
<b>Mac</b>	Mac OS 10.15 Mac OS 10.14 Mac OS 10.13 Mac OS 10.12 Safari Google Chrome
<b>IP Streaming</b>	
<b>Image Streaming Mode</b>	JPEG(MJPEG), H.264, H.265
<b>Image Resolution</b>	1920×1080, 1280×720, 640×360
<b>Note</b>	*1 The main unit may appear in the video depending on the pan/tilt position. *2 To ensure safety, the unit must be secured using the mount bracket supplied. *3 The main unit may appear in the video depending on the pan/tilt position. *4 Supported OS indicated are for browsers current as of September 2021. See "Service and Support / PASS" for the latest information on browser support.