



**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

Compact size & wide angle

Simultaneous 3G-SDI, HDMI & USB output

High-Quality Video Streaming for More Comfortable Online Communication

Excellent system flexibility to achieve smart wiring and smooth operation

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

zoom
Certified



AW-HE20

<https://oc.connect.panasonic.com/au/en/aw-he20>

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|---|---|
| General | |
| Power Requirements | DC12 V ± 10 % (10.8 V to 13.2 V) (Supplied AC adapter) |
| PoE+ | IEEE802.3 at compliant |
| Current Consumption | TBD |
| Ambient Operating Temperature | 0 °C to 40 °C (32°F to 104°F) |
| Ambient Operating Humidity | 20 % to 90 % (no condensation) |
| Storage Temperature | -20°C to 50°C (-4 °F to 122 °F) |
| Mass | TBD |
| Dimensions (W x H x D) | TBD |
| Finish | AW-HE20W: WhiteAW-HE20K: Black |
| Controller Supported | AW-RP150GJ, AW-RP60GJ, AW-RM50AG |
| Camera Unit | |
| Image Sensor | 1/2.8-type MOS×1 |
| Lens | Electric 12 x optical zoom F1.6 – F2.8 (f = 3.9 mm – 46.8 mm) |
| Zoom | Optical zoom: 12 x |
| Angle of View Range | 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) |
| Minimum Illumination | TBD |
| S/N | TBD |
| Horizontal Resolution | TBD |
| Output Format | |
| Output Format HDMI HD | 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 |
| Output Format SDI HD | 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 |
| Input | DC 12 V IN |
| Output | |
| Video Output | HDMI, 3G-SDI OUT |
| Input/Output | |
| Input/Output Connector | LAN, RS-422, AUDIO IN, USB, RS-232C IN, RS-232C OUT |
| Pan Tilt Head Unit | |
| Installation Method | Stand-alone (Desktop) or suspended (Hanging)*2 |
| Panning Range | ±170° |
| Tilting Range | -30° ~ 90° *3 |
| Quietness | NC40 or less |
| Supported operating systems and web browsers | *4 |
| Windows | |
| | Windows 10 Windows® Internet Explorer® 11 (32 bit / 64 bit) Microsoft Edge Google Chrome |
| Mac | |
| | Mac OS 10.15 Mac OS 10.14 Mac OS 10.13 Mac OS 10.12 Safari Google Chrome |
| IP Streaming | |
| Image Streaming Mode | JPEG(MJPEG), H.264, H.265 |
| Image Resolution | 1920×1080, 1280×720, 640×360 |
| Note | |
| | *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. |