Panasonic CONNECT



4K PTZ Camera with simultaneous 3G-SDI, HDMI & USB output

AW-UE20

PTZ cameras play an increasingly important role in teleworking such as online meetings and online classes. The AW-UE20 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-UE20 is compatible with a wide range of systems such as SDI, HDMI, USB and IP, thus allowing flexible camera setup and operation. The AW-UE20 is a high-quality entry model. The compact unit can be installed in a small place without getting in the way.

Key Features

4K PTZ Camera

Simultaneous 3G-SDI, HDMI & USB output

Compact size & wide angle

High-Quality Video Streaming for More Comfortable Online Communication

Excellent system flexibility to achieve smart wiring and smooth operation







AW-UE20

https://latam.connect.panasonic.com /br/en/products/broadcast-proav/aw-<u>ue20</u>

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 (H x W x D)	TBD
Finish	AW-UE20W: WhiteAW-UE20K: 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)
Horizontal Resolution TBD	Minimum Illumination	TBD
Output Format HDMI 4K 2160/30p, 2160/29,97p, 2160/25p Output Format HDMI HD 1080/60p, 1080/59,94p, 1080/50p, 1080/60i, 1080/59,94i, 1080/59,94i, 1080/50i, 1080/32p,1080/29,97p. Instance Month MDMI HD 1080/25p, 720/60p, 720/59,94p, 720/50p Output Format SDI HD 1080/25p, 720/60p, 720/59,94p, 1080/50p, 1080/59,94i, 1080/59,94i, 1080/50i,1080/30p, 1080/25p, 720/60p, 720/59,94p, 720/50p Input DC 12 V IN Output Universal MDMI, 3G-SDI OUT Input/Output LAN, RS-422, AUDIO IN, USB, RS-232C IN, RS-232C OUT Pan Tilt Head Unit 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 Windows Internet Explorer® 11 (32 bit / 64 bit) Windows® Internet Explorer® 11 (32 bit / 64 bit) Microsoft Edge Mac Google Chrome Mac Mac OS 10.15 Mac Mac OS 10.12 Safari Google Chrome Inage Streaming Mode JPEG(MJPEG), H.264, H.265 Image Streaming Mode JPEG(MJPEG), H.264, H.265 Image Streaming Mode	S/N	TBD
Output Format HDMI HD 160/30p, 2160/29.97p, 2160/25p Output Format HDMI HD 1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i, 1080/30p, 1080/30p, 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, 1080/59.94i, 1080/50i, 1080/30p, 1080/29.97p. Input DC 12 V IN Output HDMI, 3G-SDI OUT Input/Output Connector LAN, RS-422, AUDIO IN, USB, RS-232C IN, RS-232C OUT Pan TIR Head Unit Installation Method Stand-alone (Desktop) or suspended (Hanging)*2 Panning Range ±170° Titting Range .30° -90° *3 Quietness NC40 or less Supported operating systems and web browsers *4 Windows Windows® Internet Explorer® 11 (32 bit / 64 bit) Microsoft Edge Google Chrome Mac Mac OS 10.15 Mac Mac OS 10.13 Mac OS 10.12 Safari Joseph Chrome Jes Google Chrome IP Streaming JEG(MJPEG), H.264, H.265 Image Streaming Mode JEG(MJPEG), H.264, H.265 Image Streaming Mode JEG(MJPEG) <th>Horizontal Resolution</th> <th>TBD</th>	Horizontal Resolution	TBD
Output Format HDMI HD 1080/60p, 1080/59,94p, 1080/50p, 1080/60i, 1080/59,94i, 1080/50i, 1080/30p, 1080/29,97p. 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 HDMI, 3G-SDI OUT Input/Output Connector LAN, RS-422, AUDIO IN, USB, RS-232C IN, RS-232C OUT Pan Tilt Head Unit Installation Method Panning Range ±170° Tilting Range ±170° Tilting Range *4 Web browsers Windows Windows Internet Explorer® 11 (32 bit / 64 bit) Windows® Internet Explorer® 11 (32 bit / 64 bit) Microsoft Edge Google Chrome Mac OS 10.14 Mac OS 10.13 Mac OS 10.12 Safari Google Chrome IP Streaming JEG(MJPEG), H.264, H.265 Image Streaming Mode JEG(MJPEG), H.264, H.265 Image Resolution 3840×2160, 1920×1080, 1280×720, 640×360	Output Format	
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1080/25p, 720/60p, 720/59,94p, 720/50p Output Format SDI HD	Output Format HDMI HD	1080/60p, 1080/59.94p, 1080/50p, 1080/60i, 1080/59.94i, 1080/50i,
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 HDMI, 3G-SDI OUT Input/Output LAN, RS-422, AUDIO IN, USB, RS-232C IN, RS-232C OUT Pan Tilk Head Unit Toput/Output Connector 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 Internet Explorer® 11 (32 bit / 64 bit) Microsoft Edge Google Chrome Mac OS 10.15 Mac OS 10.14 Mac OS 10.13 Mac OS 10.12 Safari Google Chrome Google Chrome IP Streaming JPEG(MJPEG), H.264, H.265 Image Streaming Mode JPEG(MJPEG), H.264, H.265 Image Resolution 3840×2160, 1920×1080, 1280×720, 640×360		1080/30p,1080/29.97p,
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Image Resolution 3840×2160, 1920×1080, 1280×720, 640×360	IP Streaming	
•	Image Streaming Mode	JPEG(MJPEG), H.264, H.265
Image Transmission Setting	Image Resolution	3840×2160, 1920×1080, 1280×720, 640×360
	Image Transmission Setting	

Note

- $\ensuremath{^{\star 1}}$ 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.
- $\ensuremath{^{\star3}}$ The main unit may appear in the video depending on the pan/tilt position.
- $\star 4$ Supported OS indicated are for browsers current as of September 2021. See "Service and Support / PASS" for the latest information on browser support.