AW-UE20

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

KEY FEATURES

- 4K PTZ Camera

- Compact size & wide angle

- Simultaneous 3G-SDI, HDMI & USB output

- High-Quality Video Streaming for More Comfortable Online Communication

- Excellent system flexiblility to achieve smart wiring and smooth operation

The AW-UE20 has a newly-designed and compact body, which makes it very easy to handle and to install in any kind of setting, especially when positioning the camera on trusses, ceilings or wall mounts for class rooms and meetings rooms.

The AW-UE20 has been designed to support the following markets:

- Live streaming events
- Higher education
- Corporate installs

Single-cable solution

The AW-UE20 also offers PoE+ support for camera power, control and video transmission over a single cable.

Online Video Content support

When using the [PTZ Virtual USB driver software](#) and using a LAN connection, it is possible to obtain video and audio from the AW-UE20 in the same way you would an USB camera. This also ensures connectivity with video platforms including Panopto.

Upgraded 4K sensor

The AW-UE20 features a new 1/2.8-type 4K MOS sensor that produces stunning UHD video. The UE20 supports 3G SDI, HDMI and IP which makes it an ideal option for using within existing HD or 4K workflows thanks to its simultaneous video output feature.

Wide-Angle Lens

The AW-UE20 introduces a new wide-angle lens with a 71° field of view and a 12x optical zoom, enabling a wide area to be shot from a limited installation space. This allows shooting in meeting rooms and huddle spaces.

4K & HD Analogue Outputs

The AW-UE20 supports up to 4K 30p/25p video at 3840 x 2160 to provide professional and high-quality shooting of moving images, as well as a wide variety of output interfaces such as 3G-SDI, HDMI, and IP – which can be activated simultaneously for HD and 4K workflows.

IP Protocol Support

RTMP/RTMPS[*1] provides direct streaming to live broadcasting services such as YouTube Live and Facebook Live from the camera directly.

Simplified Workflows

A new look web interface as been designed for provide quick access to operators in all areas of business.

Panasonic offers an entire ecosystem of solutions to enable the new PTZ cameras to be smoothly introduced into existing camera systems. This includes use with its remote camera controllers, PTZ Control Center centralised control software as well as other Panasonic software from the Broadcast & ProAV range.

*1: RTMP: Real-Time Messaging Protocol, RTMPS: Real-Time Messaging Protocol Secure

SPECIFICATIONS

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℉ to 104℉)
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
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 | 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, 1080/50i, 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
Video Output	HDMI, 3G-SDI OUT
Input/Output Connector	LAN, RS-422, AUDIO IN, USB, RS-232C IN, RS-232C OUT
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
Image Streaming Mode	JPEG(MJPEG), H.264, H.265
Image Resolution	3840×2160, 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.

CONTACT

Web: https://business.panasonic.co.uk/professional-camera/contact-us