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 flexiblility to achieve smart wiring and smooth operation

AW-UE20

https://oc.connect.panasonic.com/au/en/products/broadcast-proav/aw-ue20

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 ℃ to 40 ℃ (32℉ to 104℉)
Ambient Operating Humidity	20 % to 90 % (no condensation)
Storage Temperature	-20℃ to 50℃ (-4 ℉ to 122 ℉)
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)
Minimum Illumination	TBD
S/N	TBD
Horizontal Resolution	TBD
Output Format	
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
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	3840×2160, 1920×1080, 1280×720, 640×360
Image Transmission Setting	

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.