



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://ap.connect.panasonic.com/m/y/en/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 °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)

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.