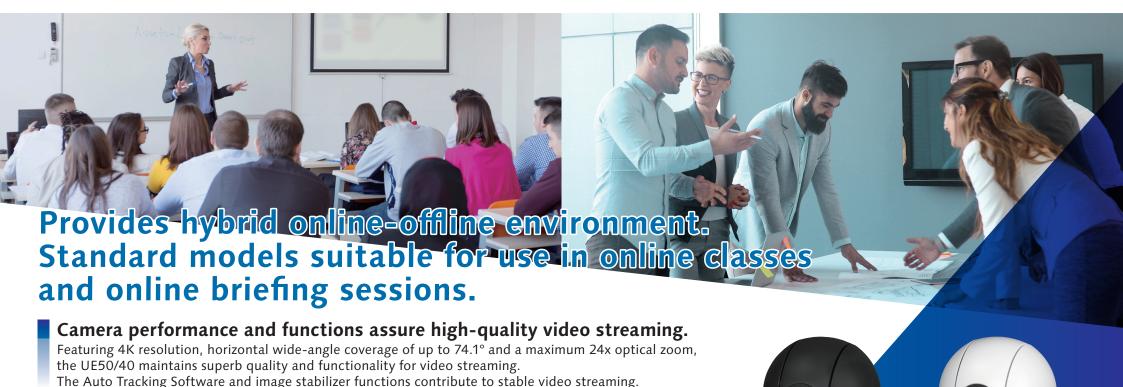
4K Integrated Camera For Indoor Use



Small size, quietness and stability for use anywhere.

The UE50/40 are lightweight and compact. The new direct-drive motor with an operating sound of NC25 or lower achieves highly accurate stopping position precision and enables accurate camerawork. They can be installed and used at any video shooting site. The UE50/40 supports NDI® | HX*1 and SRT*2 to assure stable and safe video streaming.

In this instance, NDI® is used to indicate low latency with high bandwidth NDI®,NDI® | HX is used to indicate high efficiency low bandwidth NDI® | HX. In the NDI® | HX mode, 4K video signals cannot be output. AW-UE50/AW-UE40 supports NDI® | HX version 2 and Full HD output. Abbreviation for Secure Reliable Transport

Excellent system flexibility to achieve smart wiring and smooth operation.

By using a Panasonic remote camera controller or linking with available software, the camera can be easily installed, managed and operated. The UE50/40 are suitable for replacing an existing camera or for expanding your current system.









Invaluable features and functions to deliver flexibility to any video shooting needs

Specifications

Power Requirements

Current Consumption

External Dimensions

Camera Part

Effective Pixels

Image Sensors

Zoom Magnification

Angle of View Range

Horizontal Resolution

Output Format SDI

HDMI 4K

3G-SDI OUT

MIC/LINE input

During

MIC input

HDMI

LAN

RS-422

H.264

HD

Comprehensive

Mass

Lens

Output

Video Output

Input/Output

Rotating Platform Part

Pan Operating Range Tilt Operating Range

Image Streaming Mode

IP Streaming

Transmission Setting

Image

Image Resolution

Input/Output

Connector

Supports SRT* to ensure stable video streaming

The UE50/40 supports SRT, a next-generation video transport protocol that provides robust security and works well, even with an unstable network environment.

*Abbreviation for Secure Reliable Transport

Use in online conferences as web camera

The UE50/40 supports UVC* so the video and audio signals can be transmitted over USB. By using the PTZ Virtual USB Driver software and connecting with a LAN cable, it is possible to use the UE50/40 as a USB camera. This can also be linked with Panopto.

A standard for connecting video-handling devices such as webcams to a computer via USB.

Supports 4 interfaces

The UE50/40 supports four output interfaces—3G-SDI*, HDMI, IP and USB—so it can be used with a wide range of devices.





AW-UE50



AW-UE40

Supports NDI® | HX version 2

The UE50/40 realizes effective IP transmission of high-quality videos even with limited bandwidth. Since the video source can be accessed from any device on the same network, even devices with unknown IP addresses are automatically recognized.

NDI is a new IP protocol developed by NewTek, Inc. This protocol supports live video

Single controller* can control up to 200 camera units

*NDI® is a registered trademark of NewTek, Inc. in the United States.

By using the free software, PTZ Control Center, or connecting a Panasonic remote camera controller, multiple remote camera units can be controlled at once from the

*This function can be used only with Panasonic PTZ camera controllers AW-RP150 and AW-RP60

Built-in auto tracking function

single controller for easy management and control.

The UE50/40's built-in auto-tracking function allows capturing a moving presenter and speaker. The camera work follows the speaker without the need for detailed operation by the operator, allowing for realistic video shooting at any time.

Other features

- Unit design makes the lens unnoticeable
- Equipped with Privacy Mode which positions the lens toward the back when on standby
- Equipped with Optical Image Stabilizer(OIS)
- Web GUI for camera control

Accessories



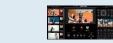
Remote Camera Controller AW-RP150

High operability ensured through touch-panel GUI monitor and a new type of joystick.



Remote Camera Controller AW-RP60

Equipped with a GUI menu screen for clear visibility and a joystick for intuitive



Auto Tracking Software Key AW-SF100/AW-SF200

Face recognition and human body detection for high precision and smooth tracking control for natural-looking video.



Visual Preset Software Key

AW-SF300

GUI screen that enables the subject of multiple PTZ Cameras to be switched with a single click of an

Panasonic

Panasonic Connect Co., Ltd. 2-15 Matsuba-cho, Kadoma, Osaka 571-8503 Japan





Factories of Panasonic Connect Co., Ltd. have received ISO14001:2015-the Environmental Management System certification, (Except for 3rd party's peripherals.)

For more information, please visit Panasonic web site

https://pro-av.panasonic.net/en/?cid=ad_qr-mz prd_mebd-ue80_211012_all_s_gl



AV Website

AW-UF50W/K

IEEE 802.3 at compliant: DC42-57 V

approx. 8.49 million pixels

Digital extender zoom: 1.4 x . 2 x

UHD: 1,500 Typ (Center area) FHD: 1,000 Typ (Center area)

1/2.5-type MOS×1

 Ontical zoom: 24 x • i.Zoom UHD 28 x , FHD 36 x

DC 12 V ± 10 % (10.8 V to 13.2 V) (Supplied AC adapter)

Approx. 1.8 kg (3.97 lbs) (excluding ceiling mounting bracket)

(Excluding protrusions, cable cover, ceiling mounting bracket)

Width 160.0 mm × Height 192.1 mm × Depth 166.0 mm (6.299 inches × 7.563 inches × 6.535 inches)

Electric 24 x optical zoom F1.8 \sim F4.0 (f = 4.12 mm \sim 98.9 mm , 35 mm conversion : 25.0 \sim 600.0 mm)

2160 / 29.97p (Native), 2160 / 25p (Native), 2160 / 24p (Just), 2160 / 23.98p (Native)

1080/59.94p, 50p, 1080/59.94i, 50i, 1080/29.97p(Native), 25p(Native), 23.98p(over59.94p)

1.8 A (AC adaptor input), 0.6 A (PoE+ power supply)

Horizontal angle of view: 74.1° (wide) to 3.3° (tele) Vertical angle of view: 46.0° (wide) to 1.9° (tele)

Diagonal angle of view: 81.8° (wide) to 3.8° (tele)

1080/59.94p, 1080/50p, 1080/59.94i, 1080/50i, 1080/29.97p(Native), 1080/25p(Native),

1080/23.98p(over59.94i), 1080/29.97psF.

HDMI 1.4 connector, 4:2:2 / 10 bit

LAN terminal for IP control (RJ-45)

CONTROL IN RS422A (RJ-45)

Input level: -10 dBV

-30° ~ 90° *1

SMPTE 292 M , 424 M / 75 Ω (BNC×1)

1080/25psF, 1080/23,98psF, 1080/24p(Just). 1080/23.98p(Native).720/59.94p, 720/50p

1080/24p(Just), 23.98p(Native), 720/59.94p, 50p

USB2.0 DEVICE, Type C connector, No USB bus power functionality

AAC compatibility (compatible with IP only), Φ 3.5 mm stereo mini jack

•UVC (USB Video Class) support only *UVC1.0, UAC1.0

Supply voltage: 2.5 V ± 0.5 V (plug-in power compatible)

JPEG (MJPEG), H.264, H.265, NDI* HX*2,3,4,5 version 2 (H.264)

Frame rate: [At 60Hz] 30 fps / 60 fps , [At 50Hz] 25 fps / 50 fps

Transmission Type: Unicast port (AUTO), Unicast port (MANUAL), Multicast port

Frame rate: [At 60Hz] 5fps / 15fps / 30 fps / 60 fps , [At 50Hz] 5 fps / 12.5 fps / 25 fps / 50 fps

Max Bit Rate: 512 kbps / 768 kbps / 1024 kbps / 1536 kbps / 2048 kbps / 3072 kbps / 4096 kbps / 6144 kbps / 8192 kbps / 10240 kbps / 12288 kbps / 14336 kbps / 16384 kbps / 20480 kbps / 24576 kbps / Transmission Type: Unicast port(AUTO), Unicast port (MANUAL), Multicast port

Input level: -40 dBV (0 dB = 1 V / Pa, 1 kHz),

1920×1080, 1280×720, 640×360, 320×180

Max Bit Rate: Same specifications as H.264

*1The main unit may appear in the video depending on the pan/tilt position.
2 NDI is a new protocol developed by NewTek, Inc. that supports IP video production workflow.
3 NDI is a registered trademark of NewTek, Inc. in the United States and other countries.
4 In this instance, NDI is used to indicate low latency with high bandwidth NDI*, NDI*, NDI*, HX is used to indicate high efficiency low bandwidth NDI*, N

This insafric, nutrils used to indicate now ratency with nign bandwidth ND!,NDI**|HX is used to indicate high efficiency low bandwidth ND!**|HX. In t NDI**|HX mode, 4K video signals cannot be output. **W-UE50/AMP-UE40 supports NDI**|HX very 2 and Full HD output. **S For details, please contact a sales representative of Panasonic. Regarding the purchase of license, refer to "About the version upgrade of the software in the main unit to add NewTek NDI**|HX compatibility to the 4K/HD integrated camera." To use NDI**|HX, the driver must be installed and activated." *This specification is a part. Please see the website for details.

NDI* | HX*5 version 2 Transmission Type: TCP / UDP, Unicast / Multicast









AW-UF40W/K

Facebook

Mobile App

SP-UE50/40PEWEB4 202309U