Panasonic

Showcase Your Organization At Its Best With Panasonic Professional PTZ Cameras

■ **Incredible image quality and smart technology for any work environment**

Featuring 4K resolution, wide-angle coverage of up to 74.1°horizontally and a maximum 24x*$_1$/20x*$_2$ optical zoom, the UE50/40/30 cameras provide superb quality and tremendous flexibility no matter the subject or your workflow. A built-in auto tracking function helps speakers remain in sharp focus at all times.

*1 AW-UE50 and AW-UE40 *2 AW-UE30

■ **Compact, quiet and versatile**

The UE50/40/30 occupy less space in a conference room. The new direct-drive motor is virtually silent, rated at NC25 or lower and delivers crisper and more natural images by reducing wasted movement. The UE50/40/30 supports SRT*$_1$ and the UE50/40 are preloaded with NDI® HX*$_2$ to assure drop-free and secure video streaming.

*1 Abbreviation for Secure Reliable Transport *2 NDI® HX is supported only by AW-UE50 and AW-UE40. NDI® is a registered trademark of Vizrt NDI AB in the United States and other countries.

■ **Panasonic MPS technology simplifies large scale operations**

Control up to 200 unique cameras via Media Production Suite software, or connect a Panasonic remote camera controller. Thanks to the power of Device Manager, an entire network of cameras can be controlled from one location.

TAA COMPLIANT

4K PROFESSIONAL

SRT ALLIANCE SECURE RELIABLE TRANSPORT

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

NDI® HX Upgradable

ZOOM Certified

* AW-UE50, AW-UE40 only.

Comprehensive features designed to meet the needs of corporate, government, and education customers

SRT* ensures stable and secure video streaming

SRT ALLIANCE

UE50/40/30 all support SRT, a next-generation video transport protocol that provides robust security and works well even in high-traffic network environments.

*Abbreviation for Secure Reliable Transport

The perfect conference room solution

UE50/40/30 all support UVC*₁ 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 UE50/40/30 as a USB camera. All models are Zoom® certified, making them ideal for for web conferencing.

zoom Certified

*1 UVC: USB video class
A standard for connecting video-handling devices such as webcams to a computer via USB.

Supports 4 interfaces

The UE50/40/30 supports four output interfaces—3G-SDI*, HDMI, IP and USB —so it can be used with a wide range of devices.

*3G-SDI is supported only by AW-UE50.

AW-UE50

AW-UE40/AW-UE30

NDI® HX 2 for versatility

UE50/40 are preloaded with NDI® HX 2 making streaming workflows faster than ever to deploy. Since the video stream can be accessed from any device on the same network, even devices with unknown IP addresses are automatically recognized.

*NDI® HX2 is supported only by AW-UE50 and AW-UE40

Easily Scales to 200 cameras

By using Media Production Suite, or connecting a Panasonic remote camera controller, up to 200 cameras can be controlled from a single controller for easy device management and control.

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

Built-in auto tracking function

The UE50/40/30 feature built-in auto-tracking which can capture subjects like a moving presenter and speaker without requiring a dedicated operator in many environments.

Other features

- Designed to complement your meeting space
- Equipped with P rivacy Mode which positions the lens toward the back when on standby
- Equipped with Optical Image S tabilizer (OIS)
- Web GUI for camera control
- New UE50/40/30 PJ5 versions are TAA certified for government applications.

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 control.

Media Production Suite Free
Software Platform for Smart Operation and Rich Expression

Basic Functions	Device View / PTZ Control
Plug-ins (Additional Fee)	**Auto Tracking** — Auto Tracking Software Key **AW-SF100/200** Automatically tracks speaker and captures clear images **Visual Preset** — Visual Preset Software Key **AW-SF300** Switches subject of multiple PTZ cameras with a single click **Video Mixer** — Video Mixer Software Key **AW-SF400** Diverse video compositions created easily with PC

Panasonic®

AW-UE50PJ5, AW-UE40PJ5, AW-UE30PJ5 Specifications

Comprehensive Power		
Requirements		DC 12 V ± 10 % (10.8 V to 13.2 V) (Supplied AC adapter)
PoE+		IEEE 802.3 at compliant: DC42-57 V
Current Consumption		1.8 A (AC adaptor input), 0.6 A (PoE+ power supply)
Mass		Approx. 1.8 kg (3.97 lbs) (excluding ceiling mounting bracket) Width 160.0 mm × Height 192.1 mm ×
External Dimensions		Depth 166.0 mm (6.299 inches × 7.563 inches × 6.535 inches) (Excluding protrusions, cable cover, ceiling mounting bracket)
Camera Part		
Effective Pixels		approx. 8.49 million pixels
Image Sensors		1/2.5-type MOS×1
Lens		[AW-UE50/AW-UE40] F1.8 ~ F4.0 (f = 4.12 mm ~ 98.9 mm, 35 mm conversion : 25.0 ~ 600.0 mm) [AW-UE30] F1.8 ~ F3.9 (f = 4.12 mm ~ 82.4 mm, 35 mm conversion : 25.0 ~ 500.0 mm)
Zoom Magnification		• Optical zoom: [AW-UE50/AW-UE40] 24 x, [AW-UE30] 20 x • i.Zoom: [AW-UE50/AW-UE40] UHD 28 x, FHD 36 x, [AW-UE30] UHD 23 x, FHD 30 x • Digital extender zoom: 1.4 x, 2 x
Angle of View Range		[AW-UE50/AW-UE40] 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) [AW-UE30] Horizontal angle of view: 74.1~ (wide) to 4.0~ (tele) Vertical angle of view: 46.0~ (wide) to 2.2~ (tele) Diagonal angle of view: 81.8~ (wide) to 4.5~ (tele)
Horizontal Resolution		UHD: 1,500 Typ (Center area) F HD: 1,000 Typ (Center area)
Output Format SDI	HD	[AW-UE50] 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, 1080/25psF, 1080/23.98psF, 1080/24p(Just), 1080/23.98p(Native), 720/59.94p,720/50p [AW-UE40/AW-UE30] —
	HDMI 4K	2160 / 29.97p (Native), 2160 / 25p (Native), 2160 / 24p (Just), 2160 / 23.98p (Native)
	HD	1080/59.94p, 50p, 1080/59.94i, 50i, 1080/29.97p(Native), 25p(Native), 23.98p(over59.94p), 1080/24p(Just), 23.98p(Native), 720/59.94p, 50p
Output		
Video Output	HDMI	HDMI 1.4 connector, 4:2:2 / 10 bit
	3G-SDI OUT	[AW-UE50] SMPTE 292 M, 424 M / 75 , (BNC×1), [AW-UE40/AW-UE30] —
Input/Output		
Input/Output Connector	LAN	LAN terminal for IP control (RJ-45)
	RS-422	CONTROL IN RS422A (RJ-45)
	USB	USB2.0 DEVICE, Type C Connector, No USB bus power functionality •UVC (USB Video Class) support only*UVC1.0, UAC1.0
	MIC/LINE input	AAC compatibility (compatible with IP only), ~3.5 mm stereo mini jack
	During MIC input	Input level: -40 dBV (0 dB = 1 V / Pa, 1 kHz), Supply voltage: 2.5 V ± 0.5 V (plug-in power compatible)
	During LINE input	Input level: -10 dBV
Rotating Platform Part		
Pan Operating Range		± 175°
Tilt Operating Range		-30° ~ 90° *₁
IP Streaming		
Image Streaming Mode		[AW-UE50/AW-UE40] JPEG (MJPEG), H.264, H.265, NDI® HX*₂ (H.264) [AW-UE30] JPEG (MJPEG), H.264, H.265
Image Resolution		1920×1080, 1280×720, 640×360, 320×180
Image Transmission Setting	H.264	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
	H.265	Transmission Type: Unicast port(AUTO), Unicast port (MANUAL), Multicast port Frame rate: [At 60Hz] 30 fps / 60 fps , [At 50Hz] 25 fps / 50 fps Max Bit Rate: Same specifications as H.264
	NDI® HX	[AW-UE50/AW-UE40] Transmission Type: TCP / UDP, Unicast / Multicast [AW-UE30] —

*1 The main unit may appear in the video depending on the pan/tilt position. *2 For details, please contact a sales representative of Panasonic. Regarding the purchase of license, refer to "4K/HD Integrated Camera NDI HX Support Information" (https://pro-av.panasonic.net/en/support/notes/ndihx_support.html).
*This specification is a part. Please see the website for details.

For more information, please visit Panasonic web site
https://connect.na.panasonic.com/av/video/ptz/lineup