



Cámara PTZ 4K 25/30p con zoom óptico de 24x y compatible con los protocolos NDI|HX versión 2 y SRT

AW-UE50

La AW-UE50 tiene una carcasa compacta con un nuevo diseño y un peso de tan solo 1,8 kg que facilita su manejo e instalación en cualquier tipo de entorno, especialmente si se coloca la cámara en trusses o techos.

Key Features

4K 25/30p y zoom óptico de 24x

Compatible con los protocolos SRT*1 y NDI|HX versión 2

Nuevo motor de accionamiento directo que mejora la capacidad de respuesta y el funcionamiento silencioso

Excelente flexibilidad del sistema para un cableado inteligente y un funcionamiento intuitivo





AW-UE50

<https://latam.connect.panasonic.com/pe/es/products/broadcast-proav/aw-ue50>

General	
Power Requirements	12 V DC (10.8 V to 13.2 V) (Supplied AC adaptor)
PoE+	IEEE802.3at compliant : DC42 to 57 V (Camera Input)(Software authentication (LLDP) is supported)
Current Consumption	1.8 A (Supplied AC adaptor), 0.6 A (PoE+ power supply)
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	Approx. 1.8 kg (3.97 lbs) (excluding ceiling mounting bracket)Approx. 2.05 kg (4.51 lbs) (including ceiling mounting bracket)
Dimensions (W x H x D) (mm)	160.0 mm x 192.1 mm x 166.0 mm (Excluding protrusions, cable cover, ceiling mounting bracket)
Dimensions (W x H x D) (inch)	6.299 inches x 7.563 inches x 6.535 inches (Excluding protrusions, cable cover, ceiling mounting bracket)
Finish	AW-UE50W: WhiteAW-UE50K: Black
Controller Supported	AW-RP150GJ, AW-RP60GJ, AW-RM50AG, AK-HRP1000*2,3, AK-HRP1005*2,3, AK-HRP1015*3, AK-HRP250*3
Camera Unit	
Imaging Sensors	1/2.5-type 4K MOS x1
Lens	Motorized Optical 24x zoom, F1.8 to F4.0 [f=4.12 mm (5/32 inches) to 98.9 mm (3-29/32 inches);
	35 mm (1-3/8 inches) equivalent: 25.0 mm (31/32 inches) to 600.0 mm (23-5/8 inches)]
Zoom	• Optical zoom: 24x
	• i.Zoom UHD 28x, FHD 36x
	• Digital extender zoom: 1.4 x, 2 x
Conversion Lens	Not supported
Angle of View Range	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)
Optical Filter	
Focus	Switching between auto and manual
Focus Distance	Entire zooming range: 1200 mm (3.9 ft)Wide end: 100 mm (0.33 ft)
Color Separation Optical System	1MOS
Minimum Illumination	3 lx (F1.8, 59.94p, 50IRE, 42 dB, without accumulation)
S/N	
Horizontal Resolution	UHD: 1,500 Typ (Center area)FHD: 1,000 Typ (Center area)
Gain Selection	Auto, 0 dB to 36 dB*3 (Super Gain function equipped : 37 dB to 42 dB)
Frame Mix	Auto, 0 dB, 6 dB, 12 dB, 18 dB, 24 dB*4
Electronic Shutter Speed	
Electronic Shutter Speed 59.94p/59.94i	1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
Electronic Shutter Speed 29.97p	1/30, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
Electronic Shutter Speed 23.98p/24p	1/24, 1/48, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
Electronic Shutter Speed 50p/50i	1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
Electronic Shutter Speed 25p	1/25, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
Syncro Scan	
Syncro Scan 59.94p/59.94i	60.0 Hz to 7200 Hz
Syncro Scan 29.97p	30.0 Hz to 7200 Hz
Syncro Scan 23.98p/24p	24.0 Hz to 7200 Hz
Syncro Scan 50p/50i	50.0 Hz to 7200 Hz
Syncro Scan 25p	25.0 Hz to 7200 Hz
Gamma	HD / Normal / Cinema1 / Cinema2 / Still Like
White Balance	• ATW : 3200 K, 5600 K (ATW Speed 3-stage variables.)• AWB : AWB-A / AWB-B• VAR (selectable between 2000 K and 15000 K by designating a value)
Chroma Amount Variability	OFF, -99 % to 99 %
Scene File	
Output Format	
Synchronization System	

Input	
Input Connector	DC 12 V IN
Output	
Output Format SDI HD	1080/59.94p, 50p, 1080/59.94i, 50i, 1080/29.97p (Native), 25p (Native), 23.98p (over59.94i), 1080/29.97psF, 25psF, 23.98psF, 1080/24p (Just), 23.98p (Native), 720/59.94p, 50p
Output Format HDMI 4K	2160/29.97p (Native), 2160/25p (Native), 2160/24p (Just), 2160/23.98p (Native)
Output Format HDMI HD	1080/59.94p, 50p, 1080/59.94i, 50i, 1080/29.97p (Native), 25p (Native), 23.98p (over59.94i), 1080/24p (Just), 23.98p (Native), 720/59.94p, 50p
Video Output	
Video Output HDMI	HDMI 1.4 connector; 4:2:2/10bit <ul style="list-style-type: none"> • HDCP is not supported. • Viera Link is not supported.
Video Output 3G-SDI OUT	SMPTE292M, 424M/ 75 Ω (BNCx1) <ul style="list-style-type: none"> • Level-A/Level-B supported
Input/Output	
Input/Output Connector	
Input/Output Connector LAN	LAN terminal for IP control (RJ-45)
Input/Output Connector RS-422	CONTROL IN RS422A (RJ-45)
MIC/Line Input	AAC compatibility (compatible with IP only) Φ3.5 mm stereo mini jack <ul style="list-style-type: none"> • 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) "* Input impedance: Approx. 2 kΩ (when plug-in power is turned ON) Approx. 20 kΩ (when plug-in power is turned OFF)" • During LINE input Input level: -10 dBV Input impedance: Approx. 3 kΩ <ul style="list-style-type: none"> • Input volume variable range: -36 dB to 12 dB (3 dB step) • Embedded audio output level: -12 dBFS • Sampling frequency: 48 kHz
Pan Tilt Head Unit	
IP Connecting Cable	<ul style="list-style-type: none"> • If you have a PoE+ ethernet hub LAN cable*6 (category 5e or above, straight cable) Max 100 m (328 ft) • If you don't have a PoE+ ethernet hub LAN cable*6 (category 5e or above, straight cable) Max 100 m (328 ft)
AW Protocol Connecting Cable	• LAN cable*6 (category 5e or above, straight cable) Max 1000 m (3280 ft)
Camera/Pan-Tilt Head Control	
Installation Method	Stand-alone (Desktop) or suspended (Hanging)*7
Pan/Tilt Operation Speed	Speed range: 0.08°/s to 60°/s (Normal mode)*8 <ul style="list-style-type: none"> • 3 speed modes installed Normal:60°/s, Fast1:90°/s, Fast2:180°/s
Panning Range	±175°
Tilting Range	-30°to 90°*9
Quietness	NC25 or less
Supported operating systems and web browsers	*10
Windows	Windows 10 Windows® Internet Explorer® 11 (32 bit / 64 bit) Microsoft Edge Google Chrome
Mac	Mac OS v11.0.1 / Safari 14.01 Mac OS v11.0.1 / Google Chrome Mac OS v10.15 / Google Chrome Mac OS v10.14 / Google Chrome
iPhone / iPad	iOS Safari iPadOS
Android	Android OS Google Chrome
IP Streaming	
Image Streaming Mode	JPEG (MJPEG), H.264, H.265, NDI®*1 HX version 2*11,12,13,14 (H.264)
Image Resolution	1920x1080, 1280x720, 640x360, 320x180

Image Transmission setting (JPEG)	Frame rate: Maximum 30fps Image quality (Fine / Normal)
Image Transmission Setting (H.264)	Transmission Type: Unicast port (AUTO), Unicast port (MANUAL), Multicast port Transmission Priority: Constant bit rate, Frame rate, Best effort Frame Rate: [60 Hz] 5fps / 15fps / 30fps / 60fps, [50 Hz] 5fps / 12.5fps / 25fps / 50fps Max Bit Rate: 512kbps / 768kbps / 1024kbps / 1536kbps / 2048kbps / 3072kbps / 4096kbps / 6144kbps / 8192kbps / 10240kbps / 12288kbps / 14336kbps / 16384kbps / 20480kbps / 24576kbps
Image Transmission Setting (H.265)	Transmission Type: Unicast port (AUTO), Unicast port (MANUAL), Multicast port Transmission Priority: Constant bit rate, Frame rate, Best effort Frame Rate: [60 Hz] 30fps / 60fps, [50 Hz] 25fps / 50fps Max Bit Rate: 512kbps / 768kbps / 1024kbps / 1536kbps / 2048kbps / 3072kbps / 4096kbps / 6144kbps / 8192kbps / 10240kbps / 12288kbps / 14336kbps / 16384kbps / 20480kbps / 24576kbps
Audio Compression Type	AAC-LC, 48 kHz / 16 bit / 2ch
Supported Protocol	
Supported protocol IPv6	TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTP, MLD, ICMP, ARP, RTMP, SRT
Supported protocol IPv4	TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT
New Functions	
F-Number Display	Displayed on the AW-RP150GJ and AW-RP60GJ sides
Menu Display on IP Video	Supported*15
Power LED	ON/OFF control
Tripod Screw Penetration Measures	Possible
Pan/Tilt Mechanical Method	New Direct Drive System
Image Stabilization	OIS 2-axis MENU switching: Select between Off/O.I.S.
Privacy Mode	The lens surface faces backward when standing by (ON/OFF) * Default is OFF
Other Functions	
Tally LED display color	red / green NDI®*1 HX version 2: Upgradable 1920x1080, 1280x720 Transmission Type: Streaming method: TCP/UDP, Unicast/Multicast AAC-LC, 48 kHz, 16 bit, 2 ch
Note	*1: NDI® is a registered trademark of Vizrt NDI AB in the United States and other countries. *2: Discontinued Model *3: Will be supported in the future *4: Can be set in 1 dB step increments. *5: Cannot be set when the format is 2160/29.97p, 2160/23.98p, 2160/24p, 2160/25p, 1080/29.97p, 1080/23.98p (59.94i), 1080/29.97PsF, 1080/23.98PsF, 1080/25p, 1080/25PsF. *6: STP (Shielded Twisted Pair) is recommended. *7: To ensure safety, the unit must be secured using the mount bracket supplied. *8: Note that the operating noise may be loud in high speed. If the operating noise is disturbing, use the Normal mode. *9: The main unit may appear in the video depending on the pan/tilt position. *10: Supported OS indicated are for browsers current as of September 2021. See "Service and Support / PASS" for the latest information on browser support. *11: NDI® is a new protocol developed by NewTek, Inc. that supports IP video production workflow. *12: NDI® is a registered trademark of NewTek, Inc. in the United States. *13: 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. *14: For details, please contact a sales representative of Panasonic. To use NDI® HX, the driver must be installed and activated. *15: Non-synchronous with SDI-OUT