



4K 50/60p PTZ Camera supporting Full-Bandwidth NDI, SRT and FreeD protocols

AW-UE80

The AW-UE80W/K is a PTZ camera suitable for capturing the natural facial expressions of actors/performers and for recording events without spoiling the ambiance. The dome-shaped design minimizes "the feeling of being recorded on video" while the new direct-drive motor produces a very quiet operating sound so it won't disturb the production activities or spoil the ambiance. The camera offers high-image-quality 4K/60p resolution, wide 74.1° angle, and optical zoom with up to 24x magnification to achieve superb video image quality. The AW-UE80W/K also offers excellent stability and security during video streaming so it can be used for any type of video production. From the production of a reality show to the recording of an internal business or educational event, the top-of-the-line standard model, AW-UE80W/K, can be used in a diversity of applications.

Key Features

Supports a wide variety of IP transmission protocols, including high bandwidth NDI*1, NDI | HX, and SRT*2

Supports 4K 50p/60p shooting

Includes a wide-angle lens with a 74.1° field of view and 24x optical zoom

Supports FreeD for building AR/VR systems

New Direct Drive System for improved responsiveness and quietness

















AW-UE80

https://oc.connect.panasonic.com/au/en/products/broadcast-proav/aw-ue80

General	
Power Requirements	12 V DC (10.8 V to 13.2 V) (Supplied AC adapter)
PoE++	IEEE802.3bt compliant: DC42 to 57 V (Camera Input)(Software authentication (LLDP) is
	supported)
Current Consumption	3.0 A (Supplied AC adaptor), 1.0 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 to 50°C (-4 °F to 122 °F)
Mass	Approx. 2.0 kg (4.41 lbs) (excluding ceiling mounting bracket), Approx. 2.25 kg (4.96 lbs)
	(including ceiling mounting bracket)
Dimensions (W x H x D) (mm)	170.0 mm x 211.0 mm x 171.0 mm
Dimensions (W x H x D) (inch)	6.693 inches x 8.307 inches x 6.732inches
Finish	AW-UE80W: WhiteAW-UE80K: Black
Controller Supported	AW-RP150GJ, AW-RP60GJ, AW-RM50AG, AK-HRP1000*1, 2, AK-HRP1005*1, 2, AK-
	HRP1015*2, AK-HRP250*2
Camera Unit	4 /0 F to the MOCod
Imaging Sensors	1/2.5-type MOS×1
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: 1.4x, 2x
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	Through, 1/4, 1/16, 1/64, IR through (IR through is used as "night mode")
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)
Horizontal Resolution	1,500 TV Typ (Center area, UHD mode, wide)1,000 TV Typ (Center area, FHD mode, wide)
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	4/50 4/400 4/400 4/550 4/500 4/4000 4/5000 4/4000 4/5000
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
	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	
Synchro Scan 59.94p/59.94i	60.0 Hz to 7200 Hz
Synchro Scan 29.97p	30.0 Hz to 7200 Hz
Synchro Scan 23.98p/24p	24.0 Hz to 7200 Hz
Synchro Scan 50p/50i	50.0 Hz to 7200 Hz
Synchro 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	
Synchronization System	Internal/External synchronization (BBS/Tri-level sync)
Input	
Input Connectors	DC 12 V IN, G/L IN(BNC)BBS (Black Burst Sync), tri-level sync supported)
Output	
Output Format	4000/50 04- 50- 4000/50 04: 50: 4000/50 07- (1) // \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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	2160/59.94p, 2160/50p, 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 (over59.94p), 1080/24p (Just), 23.98p (Native), 720/59.94p, 50p
Video Output	
Video Output HDMI	HDMI 2.0 connector, 4:2:2/10bit• HDCP is not supported.• Viera Link is not supported
	SMPTE292M/424M/ 75 Ω(BNC×1)• Level-A/Level-B supported
Video Output 3G-SDI OUT	Similar Salaria (Salaria Salaria Salar
Video Output 3G-SDI OUT Input/Output Input/Output Connector	Sili 1252iii 12 iiii 75 2qaree 17 cerei 70 2erei 50 3apported

Input/Output Connector	IIAN	LAN terminal for IP control (RJ-45)
Input/Output Connector		CONTROL IN RS422A(R)-45)
MIC/Line Input		AAC compatibility (compatible with IP only)Φ3.5 mm stereo mini jack• During MIC inputInput 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 inputInput level: -10 dBVInput impedance: Approx. 3 kΩ• Input volume variable range: -36 dB to 12 dB (3 dB step)• Embedded audio output level: -12 dBFS• Sampling frequency: 48 kHz• Quantization bit
Pan Tilt Head Unit		rate: 24 bit (SDI, HDMI), 16 bit (IP)
Camera/Pan-Tilt Head Co	ontrol	
IP Connecting Cable		• If you have a PoE++ ethernet hubLAN cable*5, 6 (category 5e or above, straight cable)
		Max 100 m (328 ft)• If you don't have a PoE++ ethernet hubLAN cable*5, 6 (category 5e or above, straight cable) Max 100 m (328 ft)
AW Protocol Connecting	Cable	LAN cable*5 (category 5e or above, straight cable) Max 1000 m (3280 ft)
Installation Method		Stand-alone (Desktop) or suspended (Hanging)*7
Pan/Tilt Operation Speed		Speed range: 0.08°/s to 60°/s (Normal mode)*8 • 3 speed modes installedNormal:60°/s, Fast1:90°/s, Fast2:180°/s
Panning Range		±175°
Tilting Range		-30°to 90°*9
Quietness		NC25 or less
Image Streaming Mode		JPEG(MJPEG), H.264, H.265, NDI® HX version 2*11, 12, 13 (H.264), High Bandwidth NDI®
Supported operating sys	tems and	
web browsers Windows		Windows 10
windows		Windows® Internet Explorer® 11(32 bit / 64 bit) Microsoft Edge Google Chrome
Mac		Mac OS v11.0.1 / Safari 14.01
wac		
	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
Allulolu		
		Google Chrome
IP Streaming		1020×1000 1200×720 640×260 220×100
Image Resolution	ing (IDEG)	1920×1080, 1280×720, 640×360, 320×180 Frame rate: Maximum 30fpsImage quality (Fine / Normal)
Image Transmission Setting (JPEG) 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 Sett	ing (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 /	
	4030kbp3/0144kbp3/0132kbp3/10240kbp3/12200kbb3/14330kbb3/10364kbb3/	
		20480kbps / 24576kbps
Audio Compression Type	1	
Supported Protocol		20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch
Supported Protocol Supported protocol IPv	6	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT
Supported Protocol	6	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP,
Supported Protocol Supported protocol IPv Supported protocol IPv	6	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT
Supported Protocol Supported protocol IPv	6	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP,
Supported Protocol Supported protocol IPv Supported protocol IPv NDI Support	6 4	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p
Supported Protocol Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett	6 4 D HX versio	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p
Supported Protocol Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI®	6 4 D HX versio	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p
Supported Protocol Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett	6 4 D HX versio ring (High	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】 1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast
Supported Protocol Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2)	6 4 HX versio ing (High	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast
Supported Protocol Supported protocol IPv Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2) Audio Compression Type Bandwidth NDI®	6 4 ⊅ HX versio ing (High ing	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast AAC-LC, 48 kHz, 2 ch
Supported Protocol Supported protocol IPv Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2) Audio Compression Type Bandwidth NDI®	6 4 ⊅ HX versio ing (High ing	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast
Supported Protocol Supported protocol IPv Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2) Audio Compression Type Bandwidth NDI®	6 4 ⊅ HX versio ing (High ing	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast AAC-LC, 48 kHz, 2 ch
Supported Protocol Supported protocol IPv Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2) Audio Compression Type Bandwidth NDI® Audio Compression Type version 2 New Functions F-Number Display	6 4) HX versio ting (High ting e High	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast AAC-LC, 48 kHz, 2 ch C AAC-LC, 48 kHz, 16 bit, 2 ch Displayed on the AW-RP150GJ and AW-RP60GJ sides
Supported Protocol Supported protocol IPv Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2) Audio Compression Type Bandwidth NDI® Audio Compression Type Sundwidth NDI® Audio Compression Type Version 2 New Functions F-Number Display Menu Display on IP Video	6 4) HX versio ting (High ting e High	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast AAC-LC, 48 kHz, 2 ch C AAC-LC, 48 kHz, 16 bit, 2 ch Displayed on the AW-RP150GJ and AW-RP60GJ sides Supported*15
Supported Protocol Supported protocol IPv Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2) Audio Compression Type Bandwidth NDI® Audio Compression Type Support	6 4 D HX versio Ling (High E High E NDI® H)	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】 1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast AAC-LC, 48 kHz, 2 ch C AAC-LC, 48 kHz, 16 bit, 2 ch Displayed on the AW-RP150GJ and AW-RP60GJ sides Supported*15 ON/OFF control
Supported Protocol Supported protocol IPv Supported protocol IPv Supported protocol IPv NDI Support Output Formats Image Resolution NDI® 2 Image Transmission Sett Bandwidth NDI®) Image Transmission Sett (NDI® HX version 2) Audio Compression Type Bandwidth NDI® Audio Compression Type Sundwidth NDI® Audio Compression Type Version 2 New Functions F-Number Display Menu Display on IP Video	6 4 i) HX versio ing (High ing High NDI® H)	20480kbps / 24576kbps AAC-LC, 48 kHz, 16 bit, 2 ch TCP/IP, UDP/IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTSP/RTP, MLD, ICMP, ARP, SRT TCP/IP, UDP/IP, HTTP, HTTPS, RTSP/RTP, MPEG2-TS, DHCP, DNS, DDNS, NTP, IGMP, ICMP, ARP, RTMP, RTMPS, SRT NDI® HX version 2: Included as standardHigh Bandwidth NDI®: Included as standard*14 High Bandwidth NDI®: 【HD】 1080/59.94p, 1080/50p, 1080/29.97p, 1080/25p, 1080/24p, 1080/23.98p, 720/59.94p, 720/50p n 1920x1080, 1280x720 Transimission Type: TCP/UDP, Unicast/Multicast Max Bit Rate: 250 Mbps Transimission Type: TCP/UDP, Unicast/Multicast AAC-LC, 48 kHz, 2 ch C AAC-LC, 48 kHz, 16 bit, 2 ch Displayed on the AW-RP150GJ and AW-RP60GJ sides Supported*15 ON/OFF control

The lens surface faces backward when standing by (ON/OFF)* Default is OFF
OIS 2-axisMENU switching: Select between Off/O.I.S.(STABLE)/O.I.S.(PAN/TILT)
red / green
Supports FreeD protocol
*1:Discontinued Model*2:Will be supported in the future*3:Can be set in 1 dB step increments.*4:Cannot be set when the format is 2160/29.97p, 2160/23.98p, 2160/24p,

*1:Discontinued Model*2:Will be supported in the future*3:Can be set in 1 dB step increments.*4: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.*5:STP (Shielded Twisted Pair) is recommended.*6:Use Category 6 or higher when transmitting 4K video.*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 August 2020. 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-UE80 supports NDI® | HX version 2 and Full HD output.*14:Simultaneous operation with the AW protocol is not possible.*15:Non-synchronous with SDI-OUT