

4K 50p Professionele PTZ-Camera

AW-UE150

Nieuw type PTZ met 4K 50p Ontketend Nieuwe Mogelijkheden in Videoproductie



KEY FEATURES

- Eerste 4K 50p Geïntegreerde PTZ-Camera
- 75.1° horizontale beeldhoek (wijdste in deze klasse)
- Verschillende 4K-interfaces (12G-SDI, HDMI, glasvezel, IP)
- 20x Optische Zoom + iZoom
- 4K/HD Gelijktijdige Output

De AW-UE150 wordt de nieuwste toevoeging aan het uitgebreide assortiment aan PTZ-camera's van Panasonic. Uitgerust met een MOS-sensor van 1-type, ondersteunt deze nieuwe PTZ-camera een hoge videokwaliteit met 4K 50p, een beeldhoek van 75,1 graden, 20x optische zoom en ondersteunt verschillende aansluitingen, waaronder 12G-SDI, HDMI, glasvezel en IP. Gelijktijdige 4K/HD-bediening maakt van deze PTZ-camera een topproduct, dat ideaal is voor degenen die hun systeem toekomstbestendig willen maken.

De nieuwe PTZ-camera ondersteunt een kwalitatief hoogwaardige videoproductie in stadions, collegezalen en andere locaties. Soepele en kwalitatief hoogwaardige 4K 50p^{*1}, grote zoommogelijkheden en een brede beeldhoek breiden het aanbod van PTZ camerafuncties uit. De camera is uitgerust met een verscheidenheid aan interfaces en ondersteunt gelijktijdige 4K/HD-bediening waardoor het product veelzijdig inzetbaar is in huidige en toekomstige systemen.

Download the PTZ Angle of View & Object Distance calculator



Watch Videos

High-Quality 4K 50p^{*1} Opname

3840 x 2160 4K output en 59.94p/50p^{*1} opname zorgt voor een heel strakke beeldkwaliteit, zelfs bij het opnemen van sportactiviteiten of bij andere opnames van snelle bewegingen.

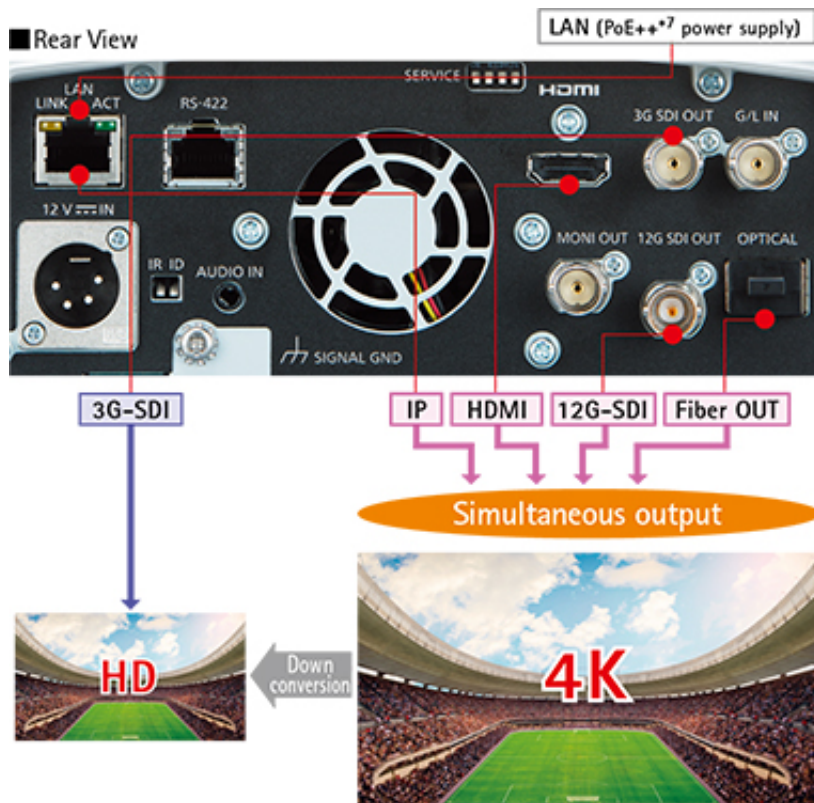
1.0-type MOS-Sensor Gemonteerd

De grote 1.0-type MOS-sensor maakt het mogelijk om te filmen met hoge sensitiviteit en weinig geluid. De sensor beschikt over een lichtopvang die vier keer groter is dan dat van een 1/2.3-type sensor waardoor de camera in allerlei situaties kan worden gebruikt.

Meerdere Interfaces ondersteund

Een brede selectie aan aansluitingen worden ondersteund: 12G-SDI, 3G-SDI, HD-SDI, HDMI, IP en zelfs glasvezel-aansluiting. Het toevoegen van 4K/HD

uitvoer garandeert tegelijkertijd de juiste uitvoer voor het gebruik op dat moment. 4K-video kan direct in de camera geconverteerd worden naar HD.



20x Optische Zoom / 75.1° Horizontaal Wide-Angle Filmen

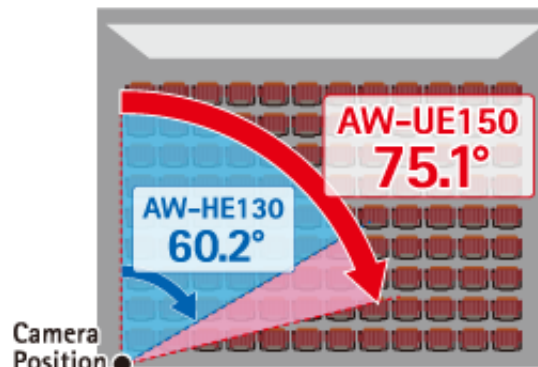
20X optische zoom is tevens uitgebreid met "i zoom" zodat er door de hoge resolutie zelfs van veraf glasheldere beelden kunnen worden geschoten. Gecombineerd met een brede horizontale hoek van 75.1°, kan een groot gebied worden vastgelegd ondanks mogelijk ruimtegebrek bij de installatie.

Optical 20x Zoom Image Quality



* Images are simulated.

Horizontal 75.1° Shooting Range



*1: Daadwerkelijke opname is UHD (3840 x 2160) 59.94p/50p.

*2: Afkorting van vermogen via Ethernet Plus. Conformance aan IEEE802.3bt (Draft ver. 2.0). (TBA)

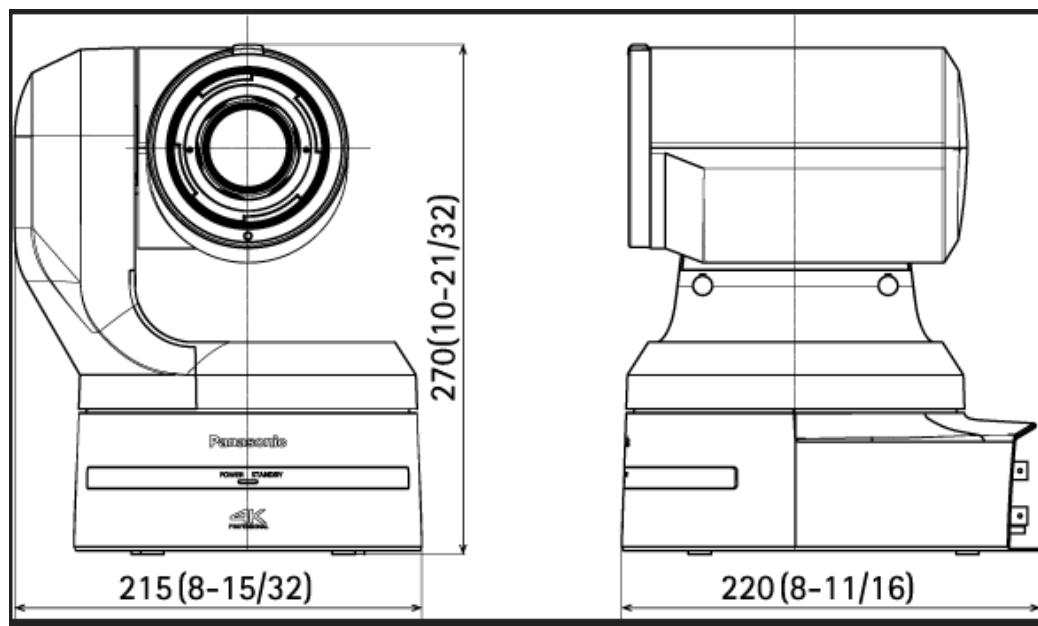
Output-formaat (Voorlopige opgave) sinds mei 2018

4K	2160/59.94p, 2160/50p, 2160/29.97p*, 2160/25p*, 2160/24p*, 2160/23.98p*
HD	1080/59.94p, 1080/50p, 1080/29.97p*, 1080/29.97PsF, 1080/25p*, 1080/25PsF, 1080/23.98p over 59.94i, 1080/24p*, 1080/23.98p*, 1080/23.98PsF, 1080/59.94i, 1080/50i

720/59.94p, 720/50p

* Native output

Afmetingen: mm (inch) (Voorlopige opgave) sinds mei 2018



*Specificaties kunnen worden veranderd zonder berichtgeving

Go to the 'Images and Videos' section of this page to see more videos.



SPECIFICATIONS

Power Requirements	12 V DC (10.8 V to 13.2 V)
PoE++	IEEE802.3bt standard: DC 42 V to 57 V (Camera Input)
Current Consumption	4.0 A (XLR IN connector), 1.2 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. 4.2 kg (9.24 lb) (excluding mount bracket)
Dimensions (W x H x D) (mm)	213 mm x 267 mm x 219 mm (excluding protrusions, direct ceiling mount bracket)
Dimensions (W x H x D) (inch)	8-3/8 inches x 10-1/2 inches x 8-5/8 inches (excluding protrusions, direct ceiling mount bracket)
Finish	AW-UE150WP/AW-UE150WE: Pearl white AW-UE150KP/AW-UE150KE: Black
Controller Supported*1	AW-RP150GJ
Imaging Sensors	1-type 4K MOS×1
Lens	Motorized Optical 20x zoom, F2.8 to F4.5 [f=8.8 mm (11/32 inches) to 176.0 mm (6-15/16 inches); 35 mm (1-3/8 inches) equivalent: 24.5 mm (31/32 inches) to 490.0 mm (19-9/32 inches)]
Zoom	- Optical zoom: 20x - i.Zoom: UHD 24x, FHD 32x - Digital zoom: 10x
Conversion Lens	Not supported
Angle of View Range	Horizontal angle of view: 75.1° (wide) to 4.0° (tele) Vertical angle of view: 46.7° (wide) to 2.3° (tele) Diagonal angle of view: 82.8° (wide) to 4.6° (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: 1000 mm (3.3 ft) Wide end: 100 mm (0.33 ft)
Color Separation Optical System	1MOS
Standard Sensitivity	F9, 2000 lx (When normal mode is selected)
Minimum Illumination	2 lx (F2.8, 59.94p, 50IRE, 42 dB, without accumulation)
S/N	60 dB or more
Horizontal Resolution	1600 TV lines Typ (Center area)
Gain Selection	Auto, 0 dB to 36 dB*2 Super Gain function equipped : +37 dB to 42 dB
Frame Mix*3	0 dB, 6 dB, 12 dB, 18 dB, 24 dB
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 29.97p 1/30, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000 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 50p/50i 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000 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	59.94p/59.94i : 60.00 Hz to 7200 Hz 29.97p : 30.00 Hz to 7200 Hz 23.98p/24p : 24.00 Hz to 7200 Hz

	50p/50i : 50.00 Hz to 7200 Hz 25p : 25.00 Hz to 7200 Hz
Gamma	HD / FILMLIKE1 / FILMLIKE2 / FILMLIKE3/ FILM REC / VIDEO REC / HLG
White Balance	ATW : 3200K, 5600K ATW Speed : Normal / Slow / Fast AWB : AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value)
Chroma Amount Variability	OFF, -99 % to 99 %
Scene File	Scene1, Scene2, Scene3, Scene4
Output Format	4K 2160/59.94p, 2160/50p, 2160/29.97p*4, 2160/25p*4, 2160/24p*4, 2160/23.98p*4 HD 1080/59.94p, 1080/50p, 1080/29.97p*4, 1080/29.97PsF, 1080/25p*4, 1080/25PsF, 1080/23.98p*5, 1080/24p*4, 1080/23.98p*4, 1080/23.98PsF, 1080/59.94i, 1080/50i, 720/59.94p, 720/50p
Synchronization System	Internal / External synchronization (BBS / Tri-level sync)
Input Connector	DC 12 V IN, G/L IN (BNC) • BBS (Black Burst Sync), tri-level sync supported
Video Output	HDMI HDMI 2.0 standard 4:2:2/10bit • HDCP is not supported. • Viera Link is not supported. 12G-SDI OUT SMPTE 2082-1 standard / 75 Ω (BNC x 1) 3G-SDI OUT SMPTE292 / 75 Ω (BNC x 1) • Level-A/Level-B supported MONI OUT SMPTE292 / 75 Ω (BNC x 1) Optical Fiber SFP+ standard Single Fiber • The signal sent is the same as 12G-SDI OUT. • This unit does not support input by optical signals.
Input / Output Connector	LAN LAN connector for IP control (RJ-45) RS-422 CONTROL IN RS-422A (RJ-45) MIC/LINE input φ3.5 mm stereo mini jack Input impedance: High impedance • During MIC input Supported mic: Stereo mic (plug-in power, on/off switching via menu) Supply voltage: 2.5 V ± 0.5 V Mic input sensitivity: Approx. -40 dBV ± 3 dBV (0 dB=1 V/Pa, 1 kHz) • During LINE input Input level: Approx. -10 dBV ±3 dBV
Camera/Pan-Tilt Head Control	IP connecting cable • LAN cable*6*7 : (category 5e or above, straight cable / crossover cable) max. 100 m (328 ft) AW protocol connecting cable LAN cable*6 (category 5e or above, straight cable) max. 1000 m (3280 ft)
Installation Method	Stand-alone (Desktop) or suspended (Hanging)*8
Pan/Tilt Operation Speed	Minimum speed 0.08°/s Maximum speed 60°/s or higher*9 • Maximum speed is 180°/s in high-speed mode
Panning Range	±175°
Tilting Range	-30° to 210°*10
Quietness	NC35 or less

Supported operating systems and web browsers	Windows Microsoft(R) Windows(R) 7, 10 Windows(R) Internet Explorer(R) 11 (64-bit/32-bit) Microsoft Edge Google Chrome Mac Mac OS 10.13, Mac OS 10.12, Mac OS 10.11, Safari 11, Google Chrome iPhone / iPad iOS 11.4.1 Google Chrome
Image Streaming Mode	JPEG (MJPEG), H.264, H.265
Image Resolution	3840×2160, 1920×1080, 1280×720, 640×360, 320×180
Image Transmission setting (JPEG)	Frame Rate: Maximum 30 fps Image quality (Fine / Normal)
Image Transmission Setting (H.264)	■Frame Rate [60Hz] 5fps/15fps/30fps/60fps (UHD: 30fps, 60fps) [50Hz] 5fps/12.5fps/25fps/50fps (UHD: 25fps, 50fps) ■Max Bit Rate HD : 512kbps/768kbps/1024kbps/1536kbps/2048kbps/3072kbps/4096kbps/6144kbps/8192kbps/10240kbps/12288kbps/14336kbps/16384kbps/20480kbps/24576kbps/32768kbps/40960kbps/51200kbps/76800kbps UHD : 12800kbps/25600kbps/51700kbps/76800kbps
Image Transmission Setting (H.265)	■Image Transmission Type: Unicast port (AUTO) Unicast port (MANUAL) Multicast port ■Frame Rate [60Hz] 30fps [50Hz] 25fps ■Max Bit Rate 8192kbps/12800kbps/25600kbps/51200kbps/76800kbps
Audio Compression Type	AAC-LC, 48 kHz / 16 bit / 2ch
Supported Protocol	■IPv6 : TCP / IP, UDP / IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTP, MLD, ICMP, ARP, RTMP ■IPv4 : TCP / IP, UDP / IP, HTTP, HTTPS, RTSP, RTP / RTCP, DHCP, DNS, DDNS, NTP, UPnP, IGMP, ICMP, ARP, RTMP
NDI support*12	NDI HX
Tally LED display color	red / green
Note	*1: AW-RP50, AW-RP120G, AK-HRP1000GJ and AK-HRP1005GJ connection with the AW-UE150W/K is planned for future support. Contact your sales representative for further information on when support will be available for this feature. Use may require a software version update. *2: 1 dB step increments can be set. *3: This cannot be configured 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. *4: Native output. *5: It denotes "1080/23.98p over 59.94i". *6: Use of an STP (shielded twisted pair) cable is recommended. *7: Category 6 or more is used when sending 4K images. *8: To ensure safety, the unit must be secured using the mount bracket supplied. *9: Quietness, stationary accuracy, etc., in high-speed mode may vary from normal mode. *10: Depending on the pan or tilt position, the camera may be reflected in the image. *11: Supported OS indicated are for browsers current as of October 2018. See Service and Support on the Panasonic website (https://pro-av.panasonic.net/en/) for the latest information on browser support. *12: Contact your local Panasonic vendor for further information.

URL: <https://business.panasonic.nl/professional-camera/externe-camerasystemen/geintegreerde-pt-cameras/aw-ue150>

CONTACT

Web: <https://business.panasonic.nl/professional-camera/contact-us>