



Professional PTZ with 4K 60p/50p Unleashing New Possibilities in Video Production

AW-UE150

The AW-UE150 is Panasonic's comprehensive professional PTZ camera lineup. Featuring a 1-type large MOS sensor, this next-generation PTZ camera supports high-quality 4K/UHD 60p video, features a 75.1-degree viewing angle, 20x optical zoom and supports versatile outputs, including 12G-SDI, HDMI, optical fiber, and IP. Simultaneous 4K/HD operation makes this PTZ camera powerhouse ideal for those looking to future-proof their system.







Panasonic CONNECT



AW-UE150

https://oc.connect.panasonic.com/nz /en/aw-ue150







Service	Power	
Section Sect		
	Requirements	12 V DC (10.8 V to 13.2 V)
Section Sect		
Company Comp		
Section Sect		4.0 A (ALK IN connector), 1.2 A (νο±++ power supply)
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Common		70 % to 90 % (no condensation)
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Age	Storage	-20 ℃ to 50 ℃ (-4 ℉ to 122 ℉)
	Temperature	
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Separation		
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Image: Specific		
Security		
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1		Maria de la
		[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)]
Conversion Rel - Supported		
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Name		Not supported
Page		
Section Sect		Horizontal angle of view: 75.1° (wide) to 4.0° (tele)
Bigodal region of vice to tar 2 m year for since the company of the company is set single moder) Focus	кange	Vertical angle of view: 46.7° (wide) to 2.3° (tele)
		Diagonal angle of view 97 9° (wide) to 4.6° (tele)
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100 100		
Separation		
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Septiminary 19,000 kt/Marc normal mode is selected 19,000 kt/Marc normal		
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Ministro		2 ix (F2.8, 59.94p, 50IRE, 42 dB, without accumulation)
Note Part		
Resolution Auto 10 to 10	S/N	60 dB or more
Surface Surf	Horizontal	1600 TV lines Typ (Center area)
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Syncr Scan 59.94p/59.94i: 60.00 Hz to 7200 Hz 29.97p: 30.00 Hz to 7200 Hz 29.97p: 30.00 Hz to 7200 Hz 50p/501: 50.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 26mma HD /FILMILKE1 /FILMILKE5 /FILMILKE5 /FILM REC / VIDEO REC / HLG AMW: 300X, 5500X ATW 320X, 5500X AMW: Sybed: Normal / Slow / Fast AWW 520X, 540X AMW: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) Chroma Amount Variability Scene 1, Seene 2, Seene 3, Seene 4 Output Format 4K 2160/59.94p, 2160/50p, 2160/29.97p*4, 2160/25p*4, 2160/23.98p*4 4160/23.98p*4, 1080/23.98p*4, 1080/23.98p*4, 1080/23.98p*4, 1080/23.98p*5, 1080/24.98p*4, 1080/23.98p*4, 1080/23.98p*5, 1080/23.98p*4, 1080/23.98p*5, 1080/23.98p*4, 1080/23.98p*4, 1080/23.98p*5, 1080/23.98p*4, 1080/23.98p*5, 1080/23.98p*4, 1080/23.98p*4		1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000
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25 p: 25.00 Hz to 7200 Hz Gamma HD / FILMLIKE1 / FILMLIKE2 / FILMLIKE3 / FILM REC / VIDEO REC / HLG White Balanc ATW: 3200K, 5600K ATW: 3200K, 5600K,	Syncro Scan	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 59.94p/59.94i : 60.00 Hz to 7200 Hz 29.97p : 30.00 Hz to 7200 Hz
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White Balance ATW:3200K,5600K APW Speed: Normal / Slow / Fast AWB: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) Chroma OFF,-99 % to 99 % Amount Yorariability Scene File Scene1, Scene2, Scene3, Scene4 Output Format 4K Job (95.994p, 2160/59,7p*4, 2160/25p*4, 2160/24p*4, 2160/23.98p*4 BD 1080/59.94p, 1080/50p, 1080/29.97p*4, 1080/29.97p*4, 1080/25p*4, 1080/25p*4, 1080/23.98p*5, 1080/24p*4, 1080/23.98p*4, 1080/23.98p*5, 1080/59.94p, 1080/59.94p, 1080/59.94p, 720/59 Synthronization: Job (50.94p, 1080/50p, 1080/29.97p*4, 1080/29.97p*4, 1080/25p*4, 1080/23.98p*5, 1080/24p*4, 1080/23.98p*4, 1080/23.98p*5, 1080/59.94p, 1080/59.94p, 720/59.94p, 720/59 System Total Connectors Input Document of the connectors	Syncro Scan	25p 1/25, 1/50, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000 1/25, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000 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
ATW Speed : Normal / Slow / Fast AWB : AWB : AWB A / AWB - B VAR (selectable between 2000K and 15000K by designating a value) Chroma OFF, 99 % to 99 % Amount Variability Scene File Scene 1, Scene 2, Scene 3, Scene 4 Output Format 4K 2160/59.94p, 2160/50p, 2160/29.97p*4, 2160/25p*4, 2160/23.98p*4 HD 1080/59.94p, 1080/50p, 1080/29.97p*4, 1080/29.97PsF, 1080/25p*4, 1080/25.98p*5, 1080/24p*4, 1080/23.98p*4, 1080/23.98p*5, 1080/59.94p, 1080/59.94p, 1080/50, 720/59.94p, 720/50p SynchronizationInternal / External synchronization (BBS / Tri-level sync) System Input Input D C 12 VIN, G/L IN (BNC)	Syncro Scan	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 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
AWB : AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value)	Syncro Scan Gamma	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 59.94p759.94i: 60.00 Hz to 7200 Hz 29.97p : 30.00 Hz to 7200 Hz 509p/50i : 50.00 Hz to 7200 Hz 25p : 25.00 Hz to 7200 Hz 25p : 25.00 Hz to 7200 Hz
AWB : AWB- A / AWB- B VAR (selectable between 2000K and 15000K by designating a value) Chroma OFF, -99 % to 99 % Amount Variability Seene File Scene 2, Scene 3, Scene 4 Output Form 4 L160/59,94p, 2160/50p, 2160/29.97 p*4, 2160/25 p*4, 2160/23,98 p*4 HD 1080/59,94p, 1080/50p, 1080/29.97 p*4, 1080/29.97 Ps, 1080/25 p*4, 1080/25 p*4, 1080/23,98 p*5, 1080/24 p*4, 1080/23,98 p*4, 1080/23,98 ps, 1080/59,94 p, 1080/59,94 p, 1080/59 ps, 1080/59,97 p*4, 1080/29.97 ps, 1080/25 p*4, 1080/25 ps, 1080/24 p*4, 1080/23,98 ps, 1080/2	Syncro Scan Gamma	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 59.94p759.941: 60.00 Hz to 7200 Hz 29.97p : 30.00 Hz to 7200 Hz 509p/501: 50.00 Hz to 7200 Hz 509p/501: 50.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz
VAR (selectable between 2000K and 15000K by designating a value) Chroma	Syncro Scan Gamma White Balance	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 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 47b / FILMILIKE / FILM
Chroma PF, -99 % to 99 %	Syncro Scan Gamma White Balance	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 1/25, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000 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 HD /FILMILIKE2 / FILMILIKE3 / FILMIKE3 / FILM REC / VIDEO REC / HLG ATW: 3200K, 5600K ATW Speed: Normal / Slow / Fast
Amount Variability Variability Scene File Scene F	Syncro Scan Gamma White Balance	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 1/25, 1/50, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/10000 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 100 Hz to
Variability Scene Input	Syncro Scan Gamma White Balance	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 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 23,98p/24p: 24.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 27p: 25p: 25p: 25p: 25p: 25p: 25p: 25p: 25
Scene Scen	Syncro Scan Gamma White Balance Chroma	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 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 23,98p/24p: 24.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz ATW: 3200K, 5600K ATW: Speed: Normal / Slow / Fast AWB: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value)
Output Format 4 K 2160/59,94p, 2160/50p, 2160/29,97p*4, 2160/25p*4, 2160/24p*4, 2160/23,98p*4 HD 3080/59,94p, 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: Iremal / External synchronization (BBS / Tri-level sync) System Input Input DC 12 V IN, G/L IN (BNC)	Syncro Scan Gamma White Balance Chroma Amount	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 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 23,98p/24p: 24.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz ATW: 3200K, 5600K ATW: Specif. Normal / Slow / Fast AVM: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value)
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, 1080/23,98p*4, 1080/23,98PsF, 1080/59,94i, 1080/50, 720/59,94p, 720/50p Synchronization nternal / External synchronization (BBS / Tri-level sync) System Input Input DC 12 V IN, G/L IN (BNC)	Syncro Scan Gamma White Balance Chroma Amount Variability	25p 25p 1/25, 1/50, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/200, 1/4000, 1/8000, 1/10000 59.94p/59.94l: 60.00 Hz to 7200 Hz 23.98p/24p : 24.00 Hz to 7200 Hz 23.98p/24p : 24.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz ATW Speed : Normal / Slow / Fast AWB : AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) OFF, -99 % to 99 %
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, 1080/23,98psF, 1080/59,94i, 1080/50i, 720/59,94p, 720/50p Synchronization remal / External synchronization (BBS / Tri-level sync) System Input Input DC 12 V IN, G/L IN (BNC)	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File	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 59.94p759.94i: 60.00 Hz to 7200 Hz 29.97p : 30.00 Hz to 7200 Hz 23,98p/24p : 24.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 4D / FILMLIKE1 / FILMLIKE2 / FILMLIKE3 / FILM REC / VIDEO REC / HLG ATW: 3220K, 5600K ATW Speed : Normal / Slow / Fast AWB : AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) OFF99 % to 99 % Scene1, Scene3, Scene4
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, 1080/23,98psF, 1080/59,94i, 1080/50i, 720/59,94p, 720/50p Synchronization remal / External synchronization (BBS / Tri-level sync) System Input Input DC 12 V IN, G/L IN (BNC)	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File	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 59.94p759.94i: 60.00 Hz to 7200 Hz 29.97p : 30.00 Hz to 7200 Hz 23,98p/24p : 24.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 4D / FILMLIKE1 / FILMLIKE2 / FILMLIKE3 / FILM REC / VIDEO REC / HLG ATW: 3220K, 5600K ATW Speed : Normal / Slow / Fast AWB : AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) OFF99 % to 99 % Scene1, Scene3, Scene4
1080/59,94p, 1080/50p, 1080/29,97p*4, 1080/29,97psf, 1080/25p*4, 1080/25psf, 1080/23,98p*5, 1080/24p*4, 1080/23,98psf, 1080/23,98psf, 1080/59,94i, 1080/50i, 720/59,94p, 720/50p Synchronization nternal / External synchronization (BBS / Tri-level sync) System Input Input DC 12 V IN, G/L IN (BNC)	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format	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 59.94p759.94i: 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 425p : 25.00 Hz to 7200 Hz 425p : 25.00 Hz to 7200 Hz 40 / FILMLIKE1 / FILMLIKE2 / FILMLIKE3 / FILM REC / VIDEO REC / HLG 4TW: 3220K, 5600K 4TW Speed : Normal / Slow / Fast 4WB : AWB-A / AWB-B 4VAR (selectable between 2000K and 15000K by designating a value) 0FF, .99 % to 99 % 5cene1, 5cene2, Scene3, Scene4 4K
1080/59,94p, 1080/50p, 1080/29.97p*4, 1080/29.97PsF, 1080/25p*4, 1080/25psF, 1080/23.98p*5, 1080/24p*4, 1080/23.98psF, 1080/23.98PsF, 1080/59.94i, 1080/50i, 720/59.94p, 720/50p Syntem contaction External synchronization (885 / Tri-level sync) System contaction Tri-level sync) Input DC 12 V IN, G/L IN (BNC)	Gamma White Balance Chroma Amount Variability Scene File Output Format	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 59.94p759.94i: 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 425p : 25.00 Hz to 7200 Hz 425p : 25.00 Hz to 7200 Hz 40 / FILMLIKE1 / FILMLIKE2 / FILMLIKE3 / FILM REC / VIDEO REC / HLG 4TW: 3220K, 5600K 4TW Speed : Normal / Slow / Fast 4WB : AWB-A / AWB-B 4VAR (selectable between 2000K and 15000K by designating a value) 0FF, .99 % to 99 % 5cene1, 5cene2, Scene3, Scene4 4K
Synctronization nternal / External synchronization (BBS / Tri-level sync) System Input Input DC 12 V IN, G/L IN (BNC) Connector:	Gamma White Balance Chroma Amount Variability Scene File Output Format	1/60, 1/120, 1/120, 1/250, 1/500, 1/1000, 1/200, 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 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 HD /FILMILKEY /FILMILKES / FILM REC / VIDEO REC / HLG ATW: 3200K, 5600K ATW: Speed: Normal / Slow / Fast AWB: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) OFF, 99 % to 99 % Scene1, Scene2, Scene3, Scene4 4K 2160/59,94p, 2160/50p, 2160/29,97p*4, 2160/25p*4, 2160/24p*4, 2160/23,98p*4
Synchronization Internal / External synchronization (BBS / Tri-level sync) System Input Input DC 12 V IN, G/L IN (BNC) Connector:	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format	1/60, 1/120, 1/120, 1/250, 1/500, 1/1000, 1/200, 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 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 HD /FILMILKEY /FILMILKES / FILM REC / VIDEO REC / HLG ATW: 3200K, 5600K ATW: Speed: Normal / Slow / Fast AWB: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) OFF, 99 % to 99 % Scene1, Scene2, Scene3, Scene4 4K 2160/59,94p, 2160/50p, 2160/29,97p*4, 2160/25p*4, 2160/24p*4, 2160/23,98p*4
System Input DC 12 V IN, G/L IN (BNC) Connector Connector	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format	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 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 HD /FILMIKEY /FILMIKES / FILM REC / VIDEO REC / HLG ATW: 3200K, 5500K ATW Speed: Normal / Slow / Fast AWB: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) OFF, -99 % to 99 % Scene1, Scene2, Scene3, Scene4 4K 2160/59,94p, 2160/50p, 2160/29,97p*4, 2160/25p*4, 2160/24p*4, 2160/23,98p*4
Input DC 12 V IN, G/L IN (BNC)	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format	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 259, 394p/59) 941; 60,00 Hz to 7200 Hz 29, 97p; 30,00 Hz to 7200 Hz 23, 98p/24p; 24,00 Hz to 7200 Hz 23, 98p/24p; 24,00 Hz to 7200 Hz 25p; 25,00 Hz to 7200 Hz 25p; 25,00 Hz to 7200 Hz 26p; 25p,00 Hz to 7200 Hz 26p; 25p,00 Hz to 7200 Hz 27p;
Connector	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format	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 259, 394p/59) 941; 60.00 Hz to 7200 Hz 29, 97p; 30.00 Hz to 7200 Hz 23, 98p/24p; 24, 00 Hz to 7200 Hz 23, 98p/24p; 24, 00 Hz to 7200 Hz 25p; 25p. 00 Hz to 7200 Hz 25p; 25p. 00 Hz to 7200 Hz 26p; 25p. 00 Hz to 7200 Hz 26p; 25p. 00 Hz to 7200 Hz 27p; 25p. 0
Connector BBS (Black Burst Sync), tri-level sync supported	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format Synchronizatior System Input	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 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 25p; 25.00 Hz to 7200 Hz 25p; 25.00 Hz to 7200 Hz 25p; 25.00 Hz to 7200 Hz 107 HILMILKEY FILMILKEY FILMILKEY FILM REC / VIDEO REC / HLG ATW: 3200K, 5600K ATW: 3200K, 5600K ATW: 3200K, 5600K AWB: AWB-A / AWB-B VAR (selectable between 2000K and 15000K by designating a value) OFF, 99 % to 99 % Scene 1, Scene 2, Scene 3, Scene 4 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, 1800/29.97p*4, 1080/29.97PsF, 1080/25psF, 1080/23.98p*5, 1080/24p*4, 1080/23.98p*4, 1080/23.98psF, 1080/59.94i, 1080/59.94i, 1080/59.94p, 720/50p Internal / External synchronization (BES / Tri-level sync)
	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format Synchronizatior System Input Input	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 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 25p; 25.00 Hz to 7200 Hz 26p; 25p; 25.00 Hz to 7200 Hz 27p; 25p; 25p; 25p; 25p; 25p; 25p; 25p; 25
	Syncro Scan Gamma White Balance Chroma Amount Variability Scene File Output Format Synchronizatior System Input Input	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 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 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.00 Hz to 7200 Hz 25p: 25.500 Hz to 7200 Hz 25p: 25.500 Hz to 7200 Hz 27p: 25.500 Hz to 72

```
Output
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

                SMPTE292 / 75 Ω (BNC x 1)
                Optical Fiber
                SFP+ standard
                 • The signal sent is the same as 12G-SDI OUT.

    This unit does not support input by optical signals.

Input/Output
Input / Output LAN
Connector
               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
Pan-Tilt Head
Unit
Camera/Pan- IP connecting cable
Tilt Head
               • 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
                Minimum speed 0.08°/s
Pan/Tilt
                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*11
Supported
operating systems and Microsoft(R) Windows(R) 7, 10
operating
 web browsers Windows(R) Internet Explorer(R) 11 (64-bit/32-bit)
                Microsoft Edge
                Google Chrome
                Mac OS 10.13, Mac OS 10.12, Mac OS 10.11, Safari 11, Google Chrome
                iPhone / iPad iOS 11.4.1
                Google Chrome
IP Streaming
Image
Streaming
                JPEG (MJPEG), H.264, H.265
               3840×2160, 1920×1080, 1280×720, 640×360, 320×180
Image
Resolution
               Frame Rate: Maximum 30 fps
rransmission
setting (JPEG)
Image
Transmission
                ■Frame Rate
Setting (H.264) [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
```

Transmission
Setting (H.265)

Image Transmissio
Unicast port (AUTO) ■Image Transmission Type: Multicast port Frame Rate [50Hz] 25fps ■ Max Bit Rate 8192kbps/12800kbps/25600kbps/51200kbps/76800kbps Audio Compression Type AAC-LC, 48 kHz / 16 bit / 2ch ■IPv6 : TCP / IP, UDP / IP, HTTP, HTTPS, DNS, NTP, DHCPv6, RTP, MLD, ICMP, ARP, RTMP Supported Protocol $\blacksquare 1Pv4: TCP / IP, UDP / IP, HTTP, HTTPS, RTSP, RTP / RTCP, DHCP, DNS, DDNS, NTP, UPnP, IGMP, ICMP, ARP, RTMP red / green$ Tally LED display color 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 2160/29.7p, 2160/23.98p, 21

NDI®*12 HX