## Specifications

Specific	ations				
	Power requirements		DC 12 V (Supplied AC adaptor)		
-	i onei requi	i cinento	DC 42 V to 57 V (PoE+ power supply)		
	Current con	sumption	1.3 A (Supplied AC adaptor) 0.5 A (PoE+ power supply)		
	Ambient opera	ating temperature	0 °C to 40 °C (32 °F to 104 °F)		
GENERAL	Storage temperature		-20 °C to 50 °C (-4 °F to 122 °F)		
-	Allowable humidity ranges Mass		20 % to 90 % (no condensation) Approx. 1.5 kg (3.30 lb)		
	INI355		160 mm x 186 mm x 179 mm		
	Dimensions (W x H x D)		(6-5/16 inches x 7-41/128 inches x 7-3/64 inches)		
			[excluding protrusions, direct ceiling mount bracket]		
	Finish		[AW-UE70W] Pearl white [AW-UE70K] Metallic black AW-RP50, AW-RP120G, AK-HRP200G		
	Controller si	upported*1			
INPUT	Power		DC 12 V IN, PoE+ (IEEE802.3at standard)		
	Mic/line input		Stereo mini-jack (ø3.5 mm)		
			Input impedance: Approx. 2 k $\Omega$ (unbalanced) [Mic input] Supported microphones: Stereo mic		
					(plug-in power, on/off switching via menu)
				Supplied voltage: $2.5 V \pm 0.5 V$	
			Mic input level: -60 dBV ± 3 dBV (0 dB=1 V/Pa,1 kHz)		
					[Line input] Input level: -10 dBV ± 3 dBV
G/L IN			Compatible with BBS (Black Burst Sync) signals and ternary synchronizing signals (BNC x 1)		
-,			HDMI connector	1	
OUTPUT	Video output	HDMI	* HDCP is not supported. * VIERA Link is not supported.		
		3G/HD SDI OUT	Compliant with the SMPTE424/SMPTE292M standards/75 Ω(BNC x 1)	4	
	Input/ Output connector	LAN	LAN connector for IP control (RJ-45) Equipped with straight/crossover cable auto detection function	FUNCTION	
INPUT/ OUTPUT		RS-232C	Mini DIN 8-pin (IN) Mini DIN 8-pin (OUT) CONTROL IN RS422A (RJ-45)		
		RS-422			
		USB SD card	Mini-B port microSD card slot	-	
	[Camera unit]			1	
	Imaging sensors		1/2.3-type MOS		
-	Lens		Motorized 20x zoom, F1.8 to F3.6		
			[f=4.08 mm (5/32 inches) to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches) equivalent: 29.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)]		
	Focus		Switching between auto and manual		
	Focus distance		Entire zooming range:1.5 m (4.92 ft)		
	Color separation optical system		Wide end: 10 cm (0.33 ft)		
			On-chip color filter system		
	EQ 04 Hz		0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation)		
	Minimum	Minimum		0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB])	
	munnation	50 Hz	0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB])		
	Horizontal resolution		4K: 1300 TV lines Typ (Center area)		
	Gain selection*2		HD: 1000 TV lines Typ (Center area)		
FUNCTIONS	Frame mix*3		Auto, 0 dB to 48 dB (3 dB step) Auto, 0ff, 6 dB, 12 dB, 18 dB, 24 dB		
AND PERFORMANCE	ND filter		Auto*4, Through, 1/4, 4/16, 1/64		
FERFURIMANCE	Electronic shutter speed		1/60 to 1/2000 (Auto Slow Shutter: Off)[59.94 Hz]		
			During 1/30 to 1/2000 (Auto Slow Shutter: On)[59.94 Hz]   Full Auto 1/50 to 1/2000 (Auto Slow Shutter: Off)[50 Hz]		
			1/25 to 1/2000 (Auto Slow Shutter: 01)[50 Hz]		
			1/60 to 1/2000 [59.94 Hz]		
			- 1/50 to 1/2000 [50 HZ]		
			1/100, 1/250, 1/500, 1/1000, 1/2000, During 1/4000, 1/10000 [59.94 Hz]		
			Manual 1/120, 1/250, 1/500, 1/1000, 1/2000,		
			1/4000, 1/10000 [50 Hz]		
	Synchro sca	n	59.94 Hz : 59.94 Hz to 660.09 Hz (255 step)		
-	Gamma		50 Hz : 50.00 Hz to 570.12 Hz (255 step) Off, Normal (Low, Mid, High), Cinema		
	White balance		ATW, AWB A, AWB B, ATW, 3200K,5600K, VAR (2400K to 9900K)		
	Chroma amount variability		±3 step		
	Scene file		Full Auto, Manual1, Manual2, Manual3		

				As of September, 2015				
				2160:29.97p/25p (HDMI only)				
				1080:59.94p/50p				
	<b>.</b>			1080:59.94i/50i				
	Output format		HD	1080:29.97p/25p				
				1080:29.97PsF/25PsF				
_				720:59.94p/50p				
_	Synchronization			chronization/External synchronization (BBS, Tri-level sync)				
	Image stabilizat		Optical (FHI	D, 4K)/4-axis hybrid image stabilizer (FHD) for stable				
-	[USB connec	ction] *		depending on the operating environment.				
-	Video output		USB Video (					
_	Video compress	ion format	Motion JPE					
-	Resolution	Resolution		0, 1280 x 720, 640 x 360				
	Frame rate		max 30 fps					
-			max 25 fps (50 Hz) USB Audio Class Ver1.0					
-	Audio output	Audio compression format		48 kHz, 16-bit, 2 channels				
-	Audio compress			40 KHZ, 10-0H, 2 Channels				
				fps, 50 Hz: 5fps				
	Transfer modes(JPEG)		1920x1080/1280x720/640x360					
				59.94 Hz: 30fps/15fps/5fps, 50 Hz: 25fps/12.5fps/5fps				
-	Supported mod	els	Devices standardly equipped with a USB 2.0 compatible port					
	[Pan-tilt hea	ad unit]						
	Installation met	hod	Stand-alone	(Desktop) or suspended (Hanging)*5				
	Pan/tilt operati	on sneed		peed during preset: 300°/s				
	i an/tirt operatio	un specu	Maximum s	peed during manual: 90°/s				
	Panning range		±175°					
_	Tilting range		-30° to 90°*					
	Quietness			et: NC40 or less				
-				ual: NC35 or less				
-	[Camera/par	n-tilt head						
ONS				ecting through a hub:				
			LAN cable*7 (category 5 or above),max. 100 m (328 ft)					
ANCE	IP connecting cable		When using a PoE+ hub:					
			LAN cable*7 (category 5e or above),max. 100 m (328 ft) When a hub is not used:					
			LAN cable*7 (category 5 or above),max. 100 m (328 ft)					
-	AW protocol con	necting cable		(category 5 or above,straight cable), max. 100 m (328 ft)				
-								
	Standard protocol connecting cable		Mini DIN 8-pin cable, male					
1	[SD card rec							
-	SD card recordi		MPEG-4 AV	C file standard compliant (.MP4)				
1	Video compress			C/H.264 High Profile				
			AAC 10 (49	kHz, 16 bit, 2 ch, 128 kbps)				
-	Audio compress	ion format						
-	Audio compress	ion format		29.97p (Up to 72 Mbps), 1920x1080/59.94p (Up to 28 Mbps),				
-	Audio compress		3840x2160/	29.97p (Up to 72 Mbps), 1920x1080/59.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps),				
-		59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps),				
-	Recording format		3840x2160/ 1920x1080/ 1280x720/5 1280x720/2	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps)				
-			3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.37p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps),				
-	Recording format	59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/ 1920x1080/	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p[Ut to 72 Mbps), 1920x1080/50p[Up to 28 Mbps), 25p[Average 15 Mbps/Average 10 Mbps/Average 6 Mbps),				
-	Recording format		3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/ 1920x1080/ 1280x720/5	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps),				
	Recording format /Bit rate	59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/ 1920x1080/ 1280x720/5	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p[Ut to 72 Mbps), 1920x1080/50p[Up to 28 Mbps), 25p[Average 15 Mbps/Average 10 Mbps/Average 6 Mbps),				
-	Recording format	59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/ 1920x1080/ 1280x720/5 1280x720/2	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps)				
-	Recording format /Bit rate	59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/ 1920x1080/ 1280x720/5 1280x720/2	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180,				
-	Recording format /Bit rate [Network]	59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/ 1920x1080/ 1280x720/5 1280x720/5 1280x720/2 1920x1080, 59.94 Hz (3)	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 0fps/15fps/5fps) <sup>36</sup> ,				
-	Recording format /Bit rate	59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 3840x2160/ 1920x1080/ 1280x720/5 1280x720/2 1920x1080, 59.94 Hz (3) 50 Hz (25fp	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 0fps/15fps/15 <sup>6</sup> , 12.5fps/5fp3 <sup>6</sup>				
-	Recording format /Bit rate [Network] Transfer	59.94 Hz 50 Hz JPEG	3840x2160/ 1920x1080/ 1280x720/5 3840x2160/ 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2 1920x1080/ 59.94 Hz (3) 50 Hz (25fp 3840x2160/	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 0fps/15fps/5fps) <sup>16</sup> , 1/12.5fp(5fps) <sup>16</sup> , 1/12.5fp(5fps)				
-	Recording format /Bit rate [Network] Transfer	59.94 Hz	3840x2160/ 1920x1080/ 1280x720/5 3840x2160/ 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2 1920x1080/ 59.94 Hz (3) 50 Hz (25fp 3840x2160/	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 0fps/15fps/5fps) <sup>16</sup> , 1/12.5fp(5fps) <sup>16</sup> , 1/12.5fp(5fps)				
-	Recording format /Bit rate [Network] Transfer	59.94 Hz 50 Hz JPEG	3840x2160/ 1920x1080/ 1280x720/5 1280x720/5 1280x720/2 1920x1080/ 1920x1080/ 1280x720/2 1920x1080, 59.94 Hz (3) 50 Hz (25fp 3840x2160/ 59.94 Hz (6) 50 Hz (50fp	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 2 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 01p(515p(5/5p) <sup>46</sup> , 13(25p(5/5p) <sup>46</sup> ) 1920x1080, 1280x720, 640x360, 320x180, 01ps <sup>-3</sup> (201ps)(15p(5/5p) <sup>46</sup> ), <sup>45</sup> (25p(5/5)(5/5p) <sup>46</sup> )				
	Recording format /Bit rate [Network] Transfer	59.94 Hz 50 Hz JPEG H.264	3840x2160/ 1920x1080/ 1280x720/5 1280x720/5 3840x2160/ 1920x1080/ 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 1280x720/5 59.94 Hz (3) 50 Hz (25fp 50 Hz (50fp 50 Hz (50fp TCP/IP, UDP,	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Upt or 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 07ps/15p(sfps) <sup>48</sup> , 1202x1080, 1280x720, 640x360, 320x180, 07ps <sup>31</sup> (30fps/15fps) <sup>49</sup> , 1920x1080, 1280x720, 640x360, 320x180, 07ps <sup>31</sup> (30fps/15fps) <sup>56</sup> , 152(5fps) <sup>49</sup> , 152(5fps) <sup>40</sup> , 1				
	Recording format /Bit rate [Network] Transfer modes Supported	59.94 Hz 50 Hz JPEG	3840x2160/ 1920x1080, 1280x720/2 3840x2160/ 1920x1080, 1280x720/2 1920x1080, 59.94 Hz (3) 50 Hz (25fp 3840x2160, 59.94 Hz (6) 50 Hz (50fp CF/P, UpP, DHCP, DNS,	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 2 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 07ps/15fps/5fp) <sup>18</sup> , 1220x720, 640x360, 320x180, 07ps <sup>-1</sup> 307ps/15fps/5fp) <sup>18</sup> , 5 <sup>1</sup> /25fps/12.5fps/5fp) <sup>18</sup> , 5 <sup>1</sup> /25fps/12.5fps/5fp) <sup>18</sup> , 5 <sup>1</sup> /25fps/12.5fps/5fp) <sup>18</sup> , 5 <sup>1</sup> /25fps/12.5fps/5fp) <sup>18</sup> , 19.94x172, K15P, R1P, R1P/RTCP, FTP, NTP, IGME, UPAP, ICMP, ARP, R1SPoverICP,				
	Recording format /Bit rate [Network] Transfer modes	59.94 Hz 50 Hz JPEG H.264 IPv4	3840x2160/ 1920x1080/ 1280x720/2 3840x2160/ 1920x1080/ 1920x1080/ 1920x1080/ 51280x720/2 1920x1080/ 59.94 Hz (25fp 3840x2160/ 59.94 Hz (50fp TCP/IP, UDP, UDP, DHCP, DNS, RTSPoverHI	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 2 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 0fp(3/fsp(s/fsp) <sup>46</sup> , 1280x720, 640x360, 320x180, 0fp <sup>3/1</sup> 30fps/15fp(3/fsp) <sup>46</sup> , 1920x106, 1280x720, 640x360, 320x180, 0fp <sup>3/1</sup> 30fps/15fp(3/fsp) <sup>46</sup> , 1920x106, 1280x720, 640x360, 320x180, 0fp <sup>3/1</sup> 30fps/15fp(3/fsp) <sup>46</sup> , 1925y125(5)(5)(5) <sup>46</sup> , 1925y125(5)(5)(5)(5) <sup>46</sup> , 1925y125(5)(5)(5)(5)(5)(5)(5)(5)(5)(5)(5)(5)(5)				
	Recording format /Bit rate [Network] Transfer modes Supported	59.94 Hz 50 Hz JPEG H.264	3840x2160/ 1920x1080/ 1280x720/2 1280x720/2 3840x2160/ 1920x1080/ 1280x720/2 1920x1080/ 59.94 Hz (3 50 Hz (25p 50 Hz (25p 50 Hz (25p 50 Hz (50p TCP//P, UDP, DHCP, DNS, TCP//P, UDP, DHCP, DNS,	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Vareage 15 Mbps), 0p(Average 15 Mbps), 0p(Average 15 Mbps), 0p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 0p(5)(15p(5)(5p)) <sup>48</sup> , 5/12.5fps/5fps) <sup>16</sup> , 5 <sup>1</sup> /225p(5)(15p(5)(5p)) <sup>48</sup> , 5 <sup>1</sup> /225p(5)(15p(5)(5p)) <sup>48</sup> , 5 <sup>1</sup> /25p(5)(15p(5)(5p)) <sup>48</sup> , 5 <sup>1</sup> /25p(5)(15p(5)(5p)) <sup>48</sup> , 5 <sup>1</sup> /25p(12.5fp)(5fps) <sup>16</sup> , 5 <sup>1</sup> /25p(12.5fp)(5fp)(5fp) <sup>16</sup> , 5 <sup>1</sup> /25p(12.5fp)(5fp)(5fp)(5fp)(5fp)(5fp)(5fp)(5fp)(				
-	Recording format /Bit rate [Network] Transfer modes Supported protocol	59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6	3840x2160/ 1920x1082 1280x720/5 1280x720/5 1280x720/2 3840x2160/ 1920x1080, 1280x720/5 100x70000000000000000000000000000000000	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 4 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 07fs/15fps/5fp3) <sup>16</sup> , 1220x720, 640x360, 320x180, 07fs <sup>-3</sup> (20fps/15fps/5fp3) <sup>16</sup> , 5 <sup>45</sup> /25fps/12.5fps/5fp3) <sup>16</sup> , 5 <sup>45</sup> /25fps/12.5fp5/5fp3) <sup>16</sup> , 5 <sup>45</sup> /25fps/12.5fp5/5fp3) <sup>16</sup> , 5 <sup>45</sup> /25fp5/12.5fp5/5fp3) <sup>16</sup> , 5 <sup>45</sup> /25fp5/5fp3) <sup>17</sup> /25fp3/5fp3) <sup>17</sup> /25fp3/5fp3) <sup>16</sup> /25fp3/5fp3/5fp3/5fp3/5fp3/5fp3/5fp3/5fp3/				
-	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android so	59.94 Hz 50 Hz JPEG H.264 IPv6 upport	3840x2160/ 1920x1080, 1280x720/2 3840x2160/ 1280x720/2 1920x1080, 1280x720/2 1920x1080, 59,94 Hz (3) 50 Hz (25fp 3840x2160, 59,94 Hz (3) 50 Hz (25fp 59,94 Hz (6) 50 Hz (50fp TCP/IP, UDP, DHCP, DNS, RTSPowerHT TCP/IP, UDP, JPEG image	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 2 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps <sup>3</sup> (30fps/15fps) <sup>16</sup> , 122(25ps/5fps) <sup>16</sup> , 122(25ps/5fps) <sup>16</sup> , 125(25ps/2fps) <sup>16</sup> , 125(25				
	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android si	59.94 Hz 50 Hz H.264 IPv4 IPv6 upport for installatio	3840x2160/ 1920x1080/ 1920x720/2 1280x720/2 1920x720/2 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 50.94.142 (3 50.94.142 (3 50.94.142 (3 50.94.142 (50.16) 50.94.142 (50.16)	29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 0p(515p(5fps) <sup>16</sup> , 1280x720, 640x360, 320x180, 0pfs) <sup>15</sup> (fps) <sup>5</sup> (fps) <sup>16</sup> , 1920x106, 1280x720, 640x360, 320x180, 0pfs <sup>13</sup> (30fps)(15fps) <sup>5</sup> (fps) <sup>16</sup> , 1920x106, 1280x720, 640x360, 320x180, 0pfs <sup>13</sup> (30fps)(15fps) <sup>5</sup> (fps) <sup>16</sup> , 1920x106, 1280x720, 640x360, 320x180, 0pfs <sup>13</sup> (30fps)(15fps) <sup>5</sup> (fps) <sup>16</sup> , 1925(115,5)(5fps) <sup>16</sup> , 1925(115,5)(10)(10)(10)(10)(10)(10)(10)(10)(10)(10				
-	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android s Mount bracket Drop-preventio	59.94 Hz 50 Hz H.264 H.264 IPv4 IPv6 or installation novire (alrea	3840x2160/ 1920x1080, 1920x7080, 1280x720/2 1280x720/2 1280x720/2 1280x720/2 1280x720/2 1280x720/2 1280x720/2 1280x720/2 1920x1080, 50.9.9.4 Hz (60 50.9.9.4 Hz (50 50.9.4	29.97p (Average 15 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 1280x720, 640x360, 320x180, 0)fps(15fps)fsp) <sup>68</sup> , 1280x720, 640x360, 320x180, 0)fps(15fps)fsp) <sup>68</sup> , 1920x1080, 1280x720, 640x360, 320x180, 0)fps <sup>-3</sup> /30fps1fsfps/5fps) <sup>78</sup> , 5 <sup>5</sup> /25fps(12.5fps/5fps) <sup>78</sup> , 1P, HTTP, HTPS, RTSP, RTP, RTP/RTCP, FTP, NTP, IGME, UPAP, ICMF, ARP, RTSPoverICP, TP, SSL(TLS), MultiCast/UniCast (MLD), RTSPoverCP, RTSPoverHTP, SSL(TLS), MultiCast/UniCast display anging <sup>+10</sup> / Desktop): 1 1b multicast/Up (Desktop): 1				
-	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android su Mount bracket Drop-preventio Bracket mounti	59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 upport for installatin n wire (alreas n wire (alreas	3840x2160/ 1920x1800/ 1280x720/5 1280x720/5 1280x720/5 1920x1800/ 1920x1800, 59.94 Hz (3) 50 Hz (25fp 3840x2160, 59.94 Hz (3) 59.94 Hz (4) 59.94 Hz (6) 59.94 Hz	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 2 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps <sup>3</sup> (30fps/15fps) <sup>16</sup> , 1220x720, 640x360, 320x180, 07ps <sup>3</sup> (30fps/15fps) <sup>56</sup> , 122(25ps/5fps) <sup>16</sup> , 122(25ps/5fps) <sup>16</sup> , 125(25ps)(25ps) <sup>16</sup> , 125(25ps) <sup>16</sup> , 125(25p				
RIES	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android st Mount bracket Drop-preventio Bracket mounti Bracket mounti	59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 upport for installatin n wire (alreau ng screws (bi	3840x2160/ 1920x1080, 1920x1080, 1280x720/2 1280x720/2 1920x1080, 1920x1080, 1280x720/5 1920x1080, 59.94 Hz (3 59.94 Hz (3 59.94 Hz (50 59.94 Hz (50	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.34p (Average 15 Mbps), 9.37p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps) 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 1280x720, 640x360, 320x180, 0)fps/15fps/5fps) <sup>68</sup> , 1280x720, 640x360, 320x180, 0)fps/15fps/5fps) <sup>68</sup> , 1290x720, 640x360, 320x180, 0)fps/15fps/15ps/5fps) <sup>78</sup> , 1920x1080, 1280x720, 640x360, 320x180, 0)fps <sup>-3</sup> /30fps/15fps/5fps) <sup>78</sup> , 5 <sup>47</sup> /25fps/12.5fps/5fps) <sup>78</sup> , 1P, HTTP, HTPS, RTSP, RTP, RTP/RTCP, FTP, NTP, IGME, UPAP, ICMF, ARR, RTSPoverTCP, TP, SSL(TLS), MultiCast/UniCast II, HTTP, HTPS, RTSP, RTS, RTP, RTP/RTCP, FTP, DHCPv6, DNS, (MLD), RTSPoverTCP, RTSPoverHTP, SSL(TLS), MultiCast/UniCast display anging <sup>+10</sup> / Desktop): 1 the unit: 1				
- - - - -	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android si Mount bracket Drop-preventio Bracket mounti Main unit mourt Power cable (1.1	59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 upport for installatin n wire (alreau ng screws (bi	3840x2160/ 1920x1080, 1920x1080, 1280x720/2 1280x720/2 1920x1080, 1920x1080, 1280x720/5 1920x1080, 59.94 Hz (3 59.94 Hz (3 59.94 Hz (50 59.94 Hz (50	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 1280x720, 640x360, 320x180, 07p(515fp)51 <sup>69</sup> , 1220x720, 640x360, 320x180, 07p(515fp)51 <sup>69</sup> , 120x720, 640x360, 320x180, 120x720, 640x360, 640x360,				
- - - RIES	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android si Mount bracket Drop-preventio Bracket mounti Main unit mour Power cable (1.3	59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 upport for installatin n wire (alreau ng screws (bi	3840x2160/ 1920x1080, 1920x1080, 1280x720/2 1280x720/2 1920x1080, 1920x1080, 1280x720/5 1920x1080, 59.94 Hz (3 59.94 Hz (3 59.94 Hz (50 59.94 Hz (50	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 2 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps <sup>3</sup> (30fps/15fps) <sup>16</sup> , 1220x720, 640x360, 320x180, 07ps <sup>3</sup> (30fps/15fps) <sup>56</sup> , 122(25ps/5fps) <sup>16</sup> , 122(25ps/5fps) <sup>16</sup> , 125(25ps)(25ps) <sup>16</sup> , 125(25ps) <sup>16</sup> , 125(25p				
- - - - - -	Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android si Mount bracket Drop-preventio Bracket mounti Bracket mounti Bracket mounti Main unit mour Power cable (1.1) AC adaptor: 1 CD-ROM: 1	59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 upport for installatin n wire (alrea ng screws (bi ng screws (bi 5 s m [4.92 ft])	3840x2160/ 1920x1080/ 1280x720/2 1280x720/2 1280x720/2 1920x1080/ 1920x1080/ 1920x1080/ 59.94 Hz (3 50 Hz (25p 3840x2160/ 59.94 Hz (6 50 Hz (50p 59.94 Hz (6 50 Hz (50p 59.94 Hz (6 50 Hz (50p TCP//P, UDP, DHCP, DNS, RTSPoverHT TCP//P, UDP, DHCP, DNS, RTSPoverHT TCP//P, UDP, HCP, HCP, HCP, HCP, HCP, HCP, HCP, HCP, HCP, HCP, HCP, HCP, HCP, HCP,	29.97p (Average 15 Mbps)/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.94p (Average 15 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 25p(Up to 72 Mbps), 1920x1080/50p(Up to 28 Mbps), 0p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 15 Mbps), 5p(Average 2 Mbps/Average 4 Mbps/Average 2 Mbps) 1280x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps/15fps/5p3 <sup>10</sup> , 1220x720, 640x360, 320x180, 07ps <sup>3</sup> (30fps/15fps) <sup>16</sup> , 1220x720, 640x360, 320x180, 07ps <sup>3</sup> (30fps/15fps) <sup>56</sup> , 122(25ps/5fps) <sup>16</sup> , 122(25ps/5fps) <sup>16</sup> , 125(25ps)(25ps) <sup>16</sup> , 125(25ps) <sup>16</sup> , 125(25p				

Full Auto, Manual1, Manual2, Manual3

Scene file

\* 1: It may be necessary to upgrade the version of the controller so that the controller will support the unit. \* 2: During Auto, 6 dB to 48 dB (6 dB step) are available for AGC Max Gain setting. \* 3: During Auto, 0 dB, 6 dB, 12 dB and 18 dB are available for Auto F.Mix Max Gain setting. \* 4: "Auto" is available when "Scene" setting is "Full Auto". \* 5: To ensure safety, the unit must be secured using the mount bracket supplied. \* 6: Depending on the pan or tilt position, the camera may be reflected in the image. \* 7: Use of an STP (shielded twisted pair) cable is recommended. \* 8: The frame rate may be lower than the setting depending on the operating conditions. \* 9: When the image resolution is "3840x2160", "640x360" or"320x180", 60fps or 50fps cannot be selected for the frame rate. \* 10: To ensure more safety, AW-UE70W/K can be secured by using the direct ceiling mount bracket (WV-Q105A).