			DC 12 V (Supplied AC adaptor)					1080:59.94p/50p
	Power requirements		DC 42 V to 57 V (PoE+ power supply)		Output format		HD	1080:59.94i/50i 1080:29.97p/25p 1080:29.97PsF/25PsF
			1.3 A (Supplied AC adaptor)	-				
	Current consumption		0.5 A (PoE+ power supply)					
	Ambient operating temperature		0 °C to 40 °C (32 °F to 104 °F)	-				720:59.94p/50p
	Storage temperature		-20 °C to 50 °C (-4 °F to 122 °F)	-	Synchronizatio	Synchronization system		nchronization/External synchronization (BBS, Tri-level sync)
	Allowable humidity			-	Image stabilization		Optical /4-axis hybrid image stabilizer for stable	
GENERAL	Mass		Approx. 1.5 kg (3.30 lb)	_	[USB connection]		* This may vary depending on the operating environment.	
	Dimensions (W x H x D)		160 mm x 186 mm x 179 mm		Video output Video compression format			Class Ver1.0
			(6-5/16 inches x 7-41/128 inches x 7-3/64 inches)				Motion JPE	
	Dilliciisions (** x	11 / 0)	[excluding protrusions, direct ceiling mount bracket]		Resolution	51011 10111141	1920 x 1080, 1280 x 720, 640 x 360	
			[AW-HE42W] Pearl white	-			max 30 fps	
	Finish Controller supported*1		[AW-HE42K] Metallic black		Frame rate Audio output		max 25 fps	
			AW-RP150GJ*1, AW-RP50, AK-HRP1000GJ*1, AK-HRP1005GJ*1	-				Class Ver1.0
	Power		DC 12 V IN, PoE+ (IEEE802.3at standard)	1 -	Audio compression format			, 48 kHz, 16-bit, 2 channels
	Mic/line input		Stereo mini-jack (ø3.5 mm)	1	Transfer modes(JPEG)			/1280x720/640x360
INPUT			Input impedance: Approx. 2 kΩ (unbalanced)				59.94 Hz: 3	Ofps/15fps/5fps, 50 Hz: 25fps/12.5fps/5fps
			[Mic input]		Supported models		Devices sta	ndardly equipped with a USB 2.0 compatible port
			Supported microphones: Stereo mic		[Pan-tilt head unit]			
			(plug-in power, on/off switching via menu)		Installation method		Stand-alon	e (Desktop) or suspended (Hanging)*5
			Supplied voltage: 2.5 V ± 0.5 V		Pan/tilt operation speed			peed during preset: 300°/s
			Mic input level: -60 dBV ± 3 dBV (0 dB=1 V/Pa,1 kHz)		ran/tiit opera	tion speed	Maximum s	peed during manual: 90°/s
			[Line input]		Panning range		±175°	
			Input level: -10 dBV ± 3 dBV		Tilting range		-30° to 90°*6	
G/L IN			BBS (Black Burst Sync) signal and tri-level sync supported (BNC x 1)	1	Quietness			et: NC40 or less
-,			HDMI connector	┥.			During manual: NC35 or less	
OUTPUT	Video HDMI output 3G/HD-SDI OUT		* HDCP is not supported. * VIERA Link is not supported.		[Camera/pan-tilt hea			
			Compliant with the SMPTE424/SMPTE292M standards/75 Ω(BNC x)				ecting through a hub:
INPUT/ OUTPUT			LAN connector for IP control (RI-45)	1				7 (category 5 or above),max. 100 m (328 ft)
	LAN		Equipped with straight/crossover cable auto detection function	FUNCTIONS	IP connecting cable			a PoE+ hub:
	Input/ RS-2	RS-232C RS-422	Mini DIN 8-pin (IN) Mini DIN 8-pin (OUT)	AND				(category 5e or above),max. 100 m (328 ft)
	Input/ Output connector RS-4		CONTROL IN RS422A (RJ-45)	PERFORMANCE				o is not used:
	USB		Mini-B port	1 .	AW protocol con	nooting ooblo		' (category 5 or above),max. 100 m (328 ft) ' (category 5 or above,straight cable), max. 1000 m (3280 ft)
	SD card		microSD card slot		Standard prot			
	[Camera unit]				connecting cable [SD card recording]		Mini DIN 8-	-pin cable, male
	Imaging sensors		1/2 2 : 1105					
	Imaging sensors		1/2.3-type MOS		[SD card re	Cordinal		
			Motorized 20x zoom, F1.8 to F3.6	-			MPFG-4 AV	/C file standard compliant (MP4)
	Imaging sensors 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	, ;	SD card recor	ding		/C file standard compliant (.MP4)
	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)]		SD card record Video compres	ding sion format	MPEG-4 AV	/C/H.264 High Profile
			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)] Switching between auto and manual		SD card recor	ding sion format	MPEG-4 AV AAC-LC (48	
	Lens		Motorized 20x zoom, F1.8 to F3.6 [F=4.08 mm (6/32 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)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft)	- 1 - - -	SD card record Video compres	ding sion format sion format	MPEG-4 AV AAC-LC (48 1920x1080/	/C/H.264 High Profile s kHz, 16 bit, 2 ch, 128 kbps)
	Lens Focus Focus distance		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)] Switching between auto and manual		SD card record Video compres Audio compres	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5	/C/H.264 High Profile k Hz, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps),
	Lens Focus Focus distance Color separation		Motorized 20x zoom, F1.8 to F3.6 [F=4.08 mm (6/32 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)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft)	-	SD card record Video compres Audio compres	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2	IC/H.264 High Profile kHz, 16 bit, 2 ch, 128 kbps) 59.94 (Up to 28 Mbps), 29.97 (Average 15 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 8 Mbps)/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps)
	Lens Focus Focus distance		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)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system		SD card record Video compres Audio compres	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920×1080/ 1920×1080/ 1280×720/5 1280×720/2 1920×1080/5	/C/H.264 High Profile kHz, 16 bit, 2 ch, 128 kbps) 59.49 (Up to 28 Mbps), 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/Average 1 Mbps) 0p(Up to 28 Mbps),
	Focus Focus distance Color separation optical system	l Hz	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: 25.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 m (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation)		SD card record Video compres Audio compres	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2 1920x1080/5 1920x1080/5	/C/H.264 High Profile Is Mtz, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbps), 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/Average 1 Mbps) 50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps),
	Focus Focus distance Color separation optical system	l Hz	Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm ([3-7]/32 inches]; 35 mm ([1-3]/8 inches quivalent: 25.5 mm ([1-5]/32 inches) to 612.0 mm ([24-3]/32 inches)] Switching between auto and manual Entire zooming range:1.5 m ([4.92 ft]) Wide end: 10 cm ([0.33 ft]) On-chip color filter system ([0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) ([0.35 lx ([50 IRE, F1.8, 48 dB,1/30 with accumulation) firme Mix 6 dB])		SD card record Video compres Audio compres	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2 1920x1080/5 1920x1080/5 1280x720/5	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.49 (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 3.94p (Average 15 Mbps), 3.94p (Average 4 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Wreage 15 Mbps/Average 10 Mbps/Average 6 Mbps), 60p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps),
	Lens Focus Focus distance Color separation optical system Minimum 59.94		Motorized 20x zoom, F1.8 to F3.6 [F=4.08 mm (51.32 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)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB]) 0.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation)		SD card recor Video compres Audio compres Recording format /Bit rate	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2 1920x1080/5 1920x1080/5 1280x720/5	/C/H.264 High Profile Is Mtz, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbps), 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/Average 1 Mbps) 50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps),
	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H:		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)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 Ix (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 Ix (50 IRE, F1.8, 48 dB,1/30 with accumulation [Frame Mix 6 dB]) O.7 Ix (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 Ix (50 IRE, F1.8, 48 dB,1/50 without accumulation)		SD card record Video compres Audio compres	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920×1080/ 1920×1080/ 1280×720/2 1920×1080/5 1920×1080/ 1280×720/2	/C/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) Op(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), Op(Average 15 Mbps), 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps)
	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu		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 quivalent: 29.5 mm (1-5/32) inches) to 612.0 mm (24-3/32) inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB]) 0.71 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE) 0.35 lx (50 IR		SD card recor Video compres Audio compres Recording format /Bit rate	ding sion format sion format 59.94 Hz 50 Hz	MPEG-4 AV AAC-LC (48 1920×1080/ 1920×1080/ 1280×720/5: 1280×720/2: 1920×1080/5 1280×720/5: 1280×720/2	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.94P (Up to 28 Mbps), 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/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 5p(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1280x720, 640x360, 320x180,
	Focus Focus distance Color separation optical system Minimum flumination 50 H. Horizontal resolu Gain selection*2		Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [6]32 inches] to 81.6 mm (3-7)32 inches]; 35 mm [1-3]8 inches equivalent: 25.5 mm [1-5]2 inches] to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m [4.92 ft] Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation [frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.45 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.50 lx (50 IRE, F1.8, 48		SD card recor Video compres Audio compres Recording format /Bit rate	ding sion format sion format 59.94 Hz	MPEG-4 AV AAC-LC (48 1920×1080) 1920×1080) 1280×720/5: 1280×720/2: 1920×1080) 1280×720/5: 1280×720/2: 1920×1080 59.94 Hz (3	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.49 (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps/Average 10 Mbps/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Up to 28 Mbps), 50p(Up to 28 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 1 Mbps) 50p(Average 15 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps) 50p(Average 15 Mbps), 50p(Average 15 Mbps), 60p(Average 15 Mbps/Average 2 Mbps/Average 1 Mbps) 71280x720, 640x360, 320x180, 715p(515p)5fps)**
FUNCTIONS	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3		Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [6]32 inches] to 81.6 mm (3-7)32 inches]; 35 mm (1-3)8 inches equivalent: 29.5 mm (1-5)62 inches) to 612.0 mm (24-3/32 inches)]. Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.36 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.39 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.30 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.39 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50		SD card recor Video compres Audio compres Recording format /Bit rate	ding sion format sion format 59.94 Hz 50 Hz	MPEG-4 AV AAC-LC (48 1920×1080/ 1920×1080/ 1920×1080/ 1280×720/2· 1920×1080/ 1280×720/5· 1280×720/2 1920×1080 59.94 Hz (3 50 Hz (25fp	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.94p (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) Op(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), Op(Average 15 Mbps/Average 10 Mbps/Average 1 Mbps) Sp(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) Op(Average 15 Mbps/Average 15 Mbps/Average 3 Mbps/Average 1 Mbps) Op(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) Sp(Average 15 Mbps/Sp(Average 3 Mbps/Average 3 Mbps/Average 3 Mbps/Average 4 Mbps/Average 4 Mbps/Average 5 Mbps/Average 1 Mbps) Sp(Average 15 Mbps/Sp(Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) Sp(Average 15 Mbps/Sp(Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) Sp(Average 15 Mbps/Sp(Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) Sp(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps)
AND	Focus Focus distance Color separation optical system Minimum flumination 50 H. Horizontal resolu Gain selection*2		Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [6]32 inches] to 81.6 mm (3-7)32 inches]; 35 mm [1-3]8 inches equivalent: 25.5 mm [1-5]2 inches] to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m [4.92 ft] Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation [frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.45 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) 0.50 lx (50 IRE, F1.8, 48		SD card recor Video compres Audio compres Recording format /Bit rate	sion format sion format 59.94 Hz 50 Hz	MPEG-4 AV AAC-LC (48 1920×1080/ 1920×1080/ 1280×720/2· 1920×1080/ 1920×1080/ 1280×720/2· 1920×1080/ 1280×720/2· 1920×1080 59.94 Hz (3 50 Hz (25fp 1920×1080	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.94P (Up to 28 Mbps), 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/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 0p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 5p(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 5p(Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1,1280x720, 640x360, 320x180, 07ps/15fps/5fps) ⁸⁰ 1,1280x720, 640x360, 320x180, 1,1280x720, 640x360, 320x180,
	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3		Motorized 20x zoom, F1.8 to F3.6 [f=4.08 mm [6]32 inches] to 81.6 mm (3-7)32 inches]; 35 mm (1-3)8 inches equivalent: 29.5 mm (1-5)62 inches) to 612.0 mm (24-3/32 inches)]. Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.36 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.39 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.30 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.39 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 0.40 lx (50 IRE, F1.8, 48 dB,1/50	-	SD card recor Video compres Audio compres Recording format /Bit rate	ding sion format sion format 59.94 Hz 50 Hz	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/5 1280x720/2 1920x1080/ 1920x1080/ 1280x720/2 1920x1080 59.94 Hz (3 50 Hz (25fp 1920x1080 59.94 Hz (4 1920x1080 59.94 Hz (4 1920x1080 1920x1080	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.49 (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 3.94p (Average 15 Mbps), 3.94p (Average 15 Mbps), 3.94p (Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 3.96p (Average 15 Mbps), 3.96p (Average 15 Mbps), 3.96p (Average 15 Mbps), 4.96p (Average 15 Mbps), 5.9f (Average 15 Mbps), 5.9f (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1.280.720, 640.x360, 320.x180, 0.76p (15fps) (15fps) (16fps) (1780, 1780,
AND	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3		Motorized 20x zoom, F1.8 to F3.6 [F=4.08 mm (3-7)32 inches); 35 mm (1-3)8 inches quivalent: 25.5 mm (1-5)25; inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation) F1.8 (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.36 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.37 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) O.38 lx (50 IRE, F1.8, 48 dB,1/50 without acc		SD card recor Video compres Audio compres Recording format /Bit rate	sion format sion format 59.94 Hz 50 Hz	MPEG-4 AV AAC-LC (48 1920×1080/ 1920×1080/ 1280×720/5 1280×720/5 1920×1080/ 1280×720/5 1920×1080/ 1280×720/5 1920×1080 59.94 Hz (3 50 Hz (25fp 1920×1080 59.94 Hz (50fp	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.94 (Dit Do 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 50p(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Up to 28 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Average 15 Mbps), 50p(Average 15 Mbps), 50p(Average 15 Mbps), 50p(Average 28 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 50p(Average 15 Mbps), 50p(Average 16 Mbps), 50
AND	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3		Motorized 20x zoom, F1.8 to F3.6 [F=4.08 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)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation) (0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation) (0.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) (9.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumula		SD card recor Video compres Audio compres Recording format /Bit rate	JPEG H.264	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1280x720/s- 1920x1080/ 1920x1080/ 1280x720/s- 1280x720/s- 1280x720/s- 1280x720/s- 1920x1080 59.94 Hz (25 59.94 Hz (55 59.44 Hz (67 50 Hz (57) 50 Hz (57) 50 Hz (57) 50 Hz (57)	\(\text{IC/H.264 High Profile}\) \(\text{ick12, 16 bit, 2 ch, 128 kbps}\) \(\text{55.94P}(\text{[Up to 28 Mbps}), \) \(\text{29.97P}(\text{Average 15 Mbps}/\text{Average 10 Mbps}/\text{Average 6 Mbps}), \) \(\text{9.94P}(\text{Average 15 Mbps}/\text{Average 2 Mbps}/\text{Average 1 Mbps}) \(\text{9.94P}(\text{Average 15 Mbps}/\text{Average 4 Mbps}/\text{Average 2 Mbps}/\text{Average 1 Mbps}) \(\text{50}(\text{Average 15 Mbps}/\text{Average 10 Mbps}/\text{Average 6 Mbps},\) \(\text{50}(\text{Average 15 Mbps}/\text{Average 4 Mbps}/\text{Average 2 Mbps}/\text{Average 1 Mbps}) \(\text{50}(\text{Average 8 Mbps}/\text{Average 4 Mbps}/\text{Average 2 Mbps}/\text{Average 1 Mbps}) \(\text{1280x720, 640x360, 320x180,}\) \(\text{07ps}/\text{15ps}/\text
AND	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3		Motorized 20x zoom, F1.8 to F3.6 f=4.08 mm [6]32 inches] to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches quivalent: 25.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0ff, 6 dB, 12 dB, 18 dB, 24 dB Auto**, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] Uli Auto		SD card recon- Video compres Audio compres Recording format //Bit rate [Network] Transfer modes Supported	sion format sion format 59.94 Hz 50 Hz	MPEG-4 AV AAC-LC (48 1920x1080) 1920x1080) 1280x720/5 1280x720/2 1920x1080/ 1920x1080/ 1280x720/5 1920x1080 59.94 Hz (3 50 Hz (25fp 1920x1080 59.94 Hz (60fp 1920x1080 59.94 Hz (60fp 1920x1080	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.49 (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 39.4p (Average 15 Mbps), 39.4p (Average 15 Mbps), 39.4p (Average 15 Mbps), 39.6p (Average 15 Mbps), 30p(Up to 28 Mbps), 50p(Up to 28 Mbps), 50p(Average 15 Mbps), 50p(Average 2 Mbps/Average 2 Mbps/Average 1 Mbps) 1280x720, 640x360, 320x180, 107ps/157ps/5fps)** 1,7280x720, 640x360, 320x180, 107ps*s/307ps/15fps/15fps/5*s** 1,7280x720, 640x360, 320x180, 1,
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter	tion	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 quivalent: 25.5 mm (1-5)/25 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system (0.7 lx (50 IRE, F1.8, 48 dB, 1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation) (0.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation) 0.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation) 0.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation) 0.40 lx (50 IR		SD card recon- Video compres Audio compres Recording format /Bit rate [Network] Transfer modes	JPEG H.264	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 59.94 Hz (35 59.94 Hz (50fr TCP//P, UDP DHCP, DNS, RTSPoverH	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.34p (Up to 28 Mbps), 29.37p (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/Average 1 Mbps) iOp(Up to 28 Mbps), 25p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), Op(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), Op(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), pp(Average 15 Mbps), pp(Average 2 Mbps/Average 10 Mbps/Average 1 Mbps) pp(Average 3 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1, 1280x720, 640x360, 320x180, Ofps/15fps/5fps)** 1, 1280x720, 640x360, 320x180, Ofps/13fps/15fps/15fps)** 1, 1280x720, 640x360, 320x180, Ofps/9/30fps/15fps/15fps)** 1, 1780x720, 640x360, 320x180, Ofps/9/30fps/15fps/15fps)** 1, 1780x720, 640x360, 320x180, IVIP, 197P, 197P
AND	Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3	tion	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 quivalent: 25.5 mm (1-5/32) inches) to 612.0 mm (24-3/32) inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system 0.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) 0.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation/Frame Mix 6 dB)) 0.7 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation/Frame Mix 6 dB)) 4.7 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation) 5.35 lx (50 IRE, F1.8, 48 dB,1/50 without accumulation/Frame Mix 6 dB)) 4.7 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.8 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.8 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.8 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.8 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.8 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.8 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB)) 4.9 lx (50 IRE, F1.8, 48 dB,1/25 with accumulation/Frame Mix 6 dB		SD card recon- Video compres Audio compres Recording format //Bit rate [Network] Transfer modes Supported	JPEG H.264	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1280x720/2 1920x1080 1920x1080 59.94 Hz (350 1920x1080 59.94 Hz (450 50 Hz (500 50 Hz (500 700, 100, 100, 100, 100, 100, 100, 100,	\(\text{IC(H.264 High Profile}\) \(\text{29.97} [Average 15 Mbps], \) \(\text{29.97} [Average 15 Mbps], \) \(\text{9.94P} [Average 15 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 4 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 3 Mbps], \) \(\text{9.94P} [Average 10 Mbps], \) \(\text{9.94P} [Average 6 Mbps], \) \(\text{9.94P} [Average 15 Mbps], \) \(\text{9.94P} [Average 16 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 1 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(\text{9.94P} [Average 2 Mbps], \) \(
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter	tion	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 quivalent: 25.9 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wiide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB, 1/50 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation[Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 ff, 6 dB, 12 dB, 18 dB, 24 dB Auto**, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: Off)[59.94 Hz] Full Auto		SD card recon Video compres Audio compres Recording format //Bit rate [Network] Transfer modes Supported protocol	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6	MPEG-4 AV. AAC-LC (48 1920x1080) 1920x1080) 1920x1080) 1920x1080) 1920x1080) 1920x1080] 1920x1080] 1920x1080] 1920x1080] 1920x1080 59.94 Hz (3 50 Hz (25fp 1920x1080) 59.94 Hz (6 50 Hz (50fp TCP/IP, UPD DHCP, DNS, RTSPoverH1 TCP/IP, UPD NTP, ICMPvt NTP, ICMPvt	IC/H.264 High Profile IxHz, 16 bit, 2 ch, 128 kbps) 59.49 (Up to 28 Mbps), 29.37p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.34p (Average 15 Mbps), 9.37p (Average 38 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Average 15 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 50p(Average 15 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps) 1,1280x720, 640x360, 320x180, 60fps/15fps/5fps)** 1,1280x720, 640x360, 320x180, 60fps/30fps/15fps/5fps)** 1,1280x720, 640x360, 320x180, 60fps/30fps/15fps/5fps)** 1,1280x720, 640x360, 320x180, 60fps/30fps/15fps/5fps)** 1,1280x720, 640x360, 320x180, 60fps/30fps/15fps/5fps)** 1,1280x720, Medicast/UniCast 1,1280x720, MultiCast/UniCast
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter	tion	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: 25.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)]		SD card recon- Video compres Audio compres Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support	MPEG-4 AV. AAC-LC (48 1920x1080) 1920x1080) 1920x1080) 1920x1080] 1920x1080] 1920x1080] 1920x1080] 1920x1080] 1920x1080 59.94 Hz (3 50 Hz (25fp 1920x1080) 59.94 Hz (3 50 Hz (50fp TCP/IP, UDP DHCP, DNS, RTSPoverH1 TCP/IP, UDP DHCP, UDP MTP, ICMPU JPEG image	\(\text{IC/H.264 High Profile}\) \(\text{kHz}, 16 bit, 2 ch, 128 kbps\) 59.94P ([bt 102 8 Mbps), 29.97p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 15 Mbps), 9.97p (Average 8 Mbps/Average 4 Mbps/Average 2 Mbps/Average 1 Mbps\) 9.97p (Average 15 Mbps), 9.97p (Average 16 Mbps), 9.97p (Average 16 Mbps), 9.97p (Average 17 Mbps), 9.97p (Average 17 Mbps), 9.97p (Average 18 Mbps), 9.97p (Average 18 Mbps), 9.97p (Average 18 Mbps), 9.97p (Average 18 Mbps), 9.97p (Average 2 Mbps), 9.97p (Average 2 Mbps), 9.97p (Average 3 Mbps), 9.97p (Average 3 Mbps), 9.97p (Average 3 Mbps), 9.97p (Average 3 Mbps), 9.97p (Average 4 Mbps), 9.97p (Average 6 Mbps), 9.97p (Average 6 Mbps), 9.97p (Average 6 Mbps), 9.97p (Average 10 Mbps), 9.97p (Average 10 Mbps), 9.97p (Average 18 Mbps),
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter	tion	Motorized 20x zoom, F1.8 to F3.6 If=4.08 mm [5/32 inches] to 81.6 mm (3-7/32 inches]; 35 mm (1-3/8 inches quivalent: 25.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB, 1/60 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB] O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB] O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB] O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation Frame Mix 6 dB] O.7 lx (50 IRE, F1.8, 48 dB, 1/25 with accumu		SD card recon- Video compres Audio compres Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android Mount bracke	ding sion format sion format 59.94 Hz 59.94 Hz JPEG H.264 IPv4 IPv6 support t for installat format sion format sio	MPEG-4 AV AAC-LC (48 1920x1080) 1920x1080) 1920x1080) 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 59.94 Hz (35 59.94 Hz (50fp TCP/IP, UDP DHCP, DNS, RTSPoverH¹ TCP/IP, UDP JPEG image stion surface	IC/H.264 High Profile I. kHz, 16 bit, 2 ch, 128 kbps) 59.49 (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps/Average 10 Mbps/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Up to 28 Mbps), 50p(Up to 28 Mbps), 50p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 60p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 60p(Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 60p(Average 15 Mbps), 60p(Average 15 Mbps), 60p(Average 15 Mbps/Average 2 Mbps/Average 1 Mbps) 60p(Average 15 Mbps), 60p(Average 16 Mbps), 60p(Average
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter	tion	Motorized 20x zoom, F1.8 to F3.6 f=4.08 mm [6]32 inches] to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches quivalent: 25.9 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation] O.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 ff, 6 dB, 12 dB, 18 dB, 24 dB Auto**, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] 1/30 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/25 to 1/2000 (Auto Slow Shutter: On)[50 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/10000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/10000, 1/2000, 1/10000, 1/2000, 1/10000, 1/2000, 1/10000, 1/2000, 1/10000, 1/2000, 1/10000, 1/2000, 1/10000, 1/2000, 1/10000, 1/2000, 1/10000, 1/10000, 1/2000, 1/10000,		SD card recon- Video compres Audio compres Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android Mount bracke Drop-prevent	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support t for installation wire (alr.	MPEG-4 AV. AAC-LC (48 1920x1080/ 59.94 Hz (3 50 Hz (25fp 1920x1080/ 59.94 Hz (6) 50 Hz (50fp TCP/IP, UDP DHCP, DNS, RTSPoverHI TCP/IP, UDP NTP, ICMPve JPEG image stion surface eady attachee	IC/H.264 High Profile i.kHz, 16 bit, 2 ch, 128 kbps) 59.94P (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 2 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Average 15 Mbps), 50p(Average 15 Mbps), 50p(Average 15 Mbps), 50p(Average 3 Mbps/Average 4 Mbps/Average 6 Mbps), 1280X720, 640X360, 320X180, 1280X720, 640X360, 320X180, 10fps/15fps/5fps) ⁵⁶ , 1280X720, 640X360, 320X180, 10fps/15gs/5fps) ⁵⁶ , 1280X720, 640X360, 320X180, 10fps/130fps/15fps/5fps) ⁵⁶ , 17E, 17E, 17E, 17E, 17E, 17E, 17E, 17E, 17E, SLI(TLS), MultiCast/UniCast 17E, SLI(TLS), MultiCast/UniCast 17E, HTTP, HTTPS, RTSP, RTSP, RTP, RTP/RTCP, FTP, SIMLD, RTSPoverTCP, RTSPoverHTTP, SSL(TLS), MultiCast/UniCast 1 display (Idanging***io*/ Desktop): 1 d to the unit): 1
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter	tion	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 inchee quivalent: 25.9 mm (1-5)32 inches) to 612.0 mm (24-3/32 inches)]		SD card recon Video compres Audio compres Audio compres Recording format //Bit rate [Network] Transfer modes Supported protocol i-OS, Android Mount bracke Drop-prevent Bracket mount Bracket mount	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support t for installation wire (alr ting screws	MPEG-4 AV. AAC-LC (48 1920x1080) 1920x1080 59.94 Hz (3 50 Hz (25fp 1920x1080) 59.94 Hz (6 50 Hz (50fp TCP/IP, UPP DHCP, DNS, RTSPoverH1 TCP/IP, UPP TCP/IP, UPP STOPP, UPP STOPP	\(\text{IC(H.264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:2616 bit, 2 ch, 128 Mbps} \) \(29.379 (Average 15 Mbps)(Average 10 Mbps)(Average 6 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.397 (Average 8 Mbps)(Average 4 Mbps)(Average 2 Mbps)(Average 1 Mbps) \) \(9.397 (Average 15 Mbps), \) \(9.397 (Average 16 Mbps), \) \(9.397 (Average 2 Mbps), \) \(9.397 (Averag
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter Electronic shutter s	tion	Motorized 20x zoom, F1.8 to F3.6 If=4.08 mm [5/32 inches] to 81.6 mm (3-7/32 inches]; 35 mm (1-3/8 inches quivalent: 25.5 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB, 1/60 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/25 with accumulation) O.7 lx (50 IR	ACCESSORIES	SD card recon- Video compres Audio compres Recording format /Bit rate [Network] Transfer modes Supported protocol i=OS, Android Mount bracke Drop-prevent Bracket moun Main unit mou	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support t for installation with claim green sunting screws unting screws unting screws unting screws	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 59.94 Hz (35 59.94 Hz (35 59.94 Hz (30 FTCP/IP, UDP DHCP, DNS, RTSPoverHT TCP/IP, UDP JPEG image stion surface cady attache (bind-head) IV (with flat w	IC/H.264 High Profile i.kHz, 16 bit, 2 ch, 128 kbps) 59.94P (Up to 28 Mbps), 29.97p (Average 15 Mbps/Average 10 Mbps/Average 6 Mbps), 9.94p (Average 15 Mbps), 9.97p (Average 2 Mbps/Average 10 Mbps/Average 2 Mbps/Average 1 Mbps) 50p(Up to 28 Mbps), 50p(Average 15 Mbps), 50p(Average 15 Mbps), 50p(Average 15 Mbps), 50p(Average 3 Mbps/Average 4 Mbps/Average 6 Mbps), 1280X720, 640X360, 320X180, 1280X720, 640X360, 320X180, 10fps/15fps/5fps) ⁵⁶ , 1280X720, 640X360, 320X180, 10fps/15gs/5fps) ⁵⁶ , 1280X720, 640X360, 320X180, 10fps/130fps/15fps/5fps) ⁵⁶ , 17E, 17E, 17E, 17E, 17E, 17E, 17E, 17E, 17E, SLI(TLS), MultiCast/UniCast 17E, SLI(TLS), MultiCast/UniCast 17E, HTTP, HTTPS, RTSP, RTSP, RTP, RTP/RTCP, FTP, SIMLD, RTSPoverTCP, RTSPoverHTTP, SSL(TLS), MultiCast/UniCast 1 display (Idanging***io*/ Desktop): 1 d to the unit): 1
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination S0 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter Electronic shutters Synchro scan Gamma	tion	Motorized 20x zoom, F1.8 to F3.6 f=4.08 mm [6]32 inches] to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches quivalent: 25.9 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB, 1/60 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation[Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dF, f6 dB, 12 dB, 18 dB, 24 dB Auto**, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] 1/30 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/60 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/60 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/60 to 1/2000 (Auto Slow Shutter: On)[50 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2005, 1/100, 1/255 step) Off, Normal (Low, Mid, High), Cinema		SD card recon- Video compres Audio compres Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android Drop-prevent Bracket moun Main unit mon Power cable;	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support t for installation with claim green sunting screws unting screws unting screws unting screws	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 59.94 Hz (35 59.94 Hz (35 59.94 Hz (30 FTCP/IP, UDP DHCP, DNS, RTSPoverHT TCP/IP, UDP JPEG image stion surface cady attache (bind-head) IV (with flat w	\(\text{IC(H.264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:2616 bit, 2 ch, 128 Mbps} \) \(29.379 (Average 15 Mbps)(Average 10 Mbps)(Average 6 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.397 (Average 8 Mbps)(Average 4 Mbps)(Average 2 Mbps)(Average 1 Mbps) \) \(9.397 (Average 15 Mbps), \) \(9.397 (Average 16 Mbps), \) \(9.397 (Average 2 Mbps), \) \(9.397 (Averag
AND	Lens Focus Focus distance Color separation optical system Minimum illumination 50 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter Electronic shutter s Synchro scan Gamma White balance	z tition	Motorized 20x zoom, F1.8 to F3.6 f=4.08 mm [6]32 inches] to 81.6 mm (3-7/32 inches); 35 mm [1-3/8 inches quivalent: 25.5 mm [1-5/32 inches] to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m [4.92 ft] Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB,1/60 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 with accumulation[Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.4 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.5 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation) O.7 lx (50 IRE, F1.8, 48 dB,1/30 without accumulation O.7 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation O.7 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation O.7 lx (50 IRE, F1.8, 48 dB,1/25 without accumulation O.7 lx		SD card recon Video compres Audio compres Audio compres Recording format //Bit rate [Network] Transfer modes Supported protocol i-OS, Android Mount bracke Drop-prevent Bracket moun Main unit mo Power cable (AC adaptor: 1	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support t for installation with claim green sunting screws unting screws unting screws unting screws	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 59.94 Hz (35 59.94 Hz (35 59.94 Hz (30 FTCP/IP, UDP DHCP, DNS, RTSPoverHT TCP/IP, UDP JPEG image stion surface cady attache (bind-head) IV (with flat w	\(\text{IC(H.264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:2616 bit, 2 ch, 128 Mbps} \) \(29.379 (Average 15 Mbps)(Average 10 Mbps)(Average 6 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.397 (Average 8 Mbps)(Average 4 Mbps)(Average 2 Mbps)(Average 1 Mbps) \) \(9.397 (Average 15 Mbps), \) \(9.397 (Average 16 Mbps), \) \(9.397 (Average 2 Mbps), \) \(9.397 (Averag
AND	Lens Focus Focus distance Color separation optical system Minimum 59.94 illumination S0 H: Horizontal resolu Gain selection*2 Frame mix*3 ND filter Electronic shutters Synchro scan Gamma	z tition	Motorized 20x zoom, F1.8 to F3.6 f=4.08 mm [6]32 inches] to 81.6 mm (3-7/32 inches); 35 mm (1-3/8 inches quivalent: 25.9 mm (1-5/32 inches) to 612.0 mm (24-3/32 inches)] Switching between auto and manual Entire zooming range:1.5 m (4.92 ft) Wide end: 10 cm (0.33 ft) On-chip color filter system O.7 lx (50 IRE, F1.8, 48 dB, 1/60 without accumulation) O.35 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation[Frame Mix 6 dB]) O.7 lx (50 IRE, F1.8, 48 dB, 1/30 with accumulation[Frame Mix 6 dB]) HD: 1000 TV lines Typ (Center area) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dB to 48 dB (3 dB step) Auto, 0 dF, f6 dB, 12 dB, 18 dB, 24 dB Auto**, Through, 1/4, 1/16, 1/64 1/60 to 1/2000 (Auto Slow Shutter: Off][59.94 Hz] 1/30 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/60 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/60 to 1/2000 (Auto Slow Shutter: Off][50 Hz] 1/60 to 1/2000 (Auto Slow Shutter: On)[50 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 [59.94 Hz] 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2000, 1/1000, 1/2005, 1/100, 1/255 step) Off, Normal (Low, Mid, High), Cinema		SD card recon- Video compres Audio compres Recording format /Bit rate [Network] Transfer modes Supported protocol i-OS, Android Drop-prevent Bracket moun Main unit mon Power cable;	ding sion format sion format 59.94 Hz 50 Hz JPEG H.264 IPv4 IPv6 support t for installation with claim green sunting screws unting screws unting screws unting screws	MPEG-4 AV AAC-LC (48 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080/ 1920x1080 59.94 Hz (35 59.94 Hz (35 59.94 Hz (30 FTCP/IP, UDP DHCP, DNS, RTSPoverHT TCP/IP, UDP JPEG image stion surface cady attache (bind-head) IV (with flat w	\(\text{IC(H.264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:264 High Profile} \) \(\text{Ic(AH:2616 bit, 2 ch, 128 Mbps} \) \(29.379 (Average 15 Mbps)(Average 10 Mbps)(Average 6 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.394 (Average 15 Mbps), \) \(9.397 (Average 8 Mbps)(Average 4 Mbps)(Average 2 Mbps)(Average 1 Mbps) \) \(9.397 (Average 15 Mbps), \) \(9.397 (Average 16 Mbps), \) \(9.397 (Average 2 Mbps), \) \(9.397 (Averag

- *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".
- *3. During Auto, 0 ub, 6 ub, 12 ub and 16 ub are available for Auto Finix Max dain setting. *4. Auto 15 available with 15 center 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 "640x360" or "320x180", 60fps or 50fps cannot be selected for the frame rate.

- *10: To ensure more safety, AW-HE42W/K can be secured by using the direct ceiling mount bracket (WV-Q105A).