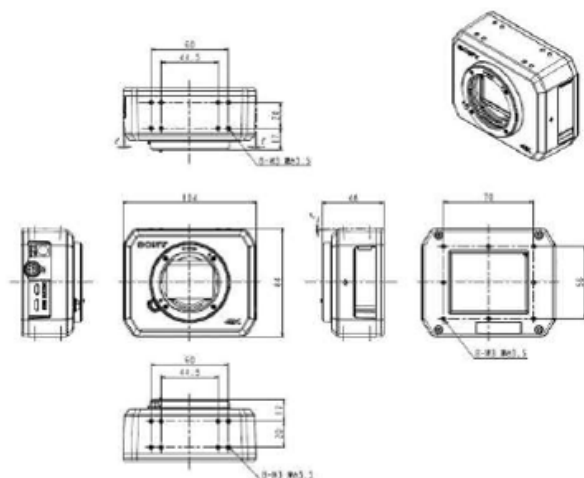


### Basic Information:

<Dimensions>

All measurements in [mm]



### Specifications - UMC-S3C/P

		UMC-S3C/P
General	Camera type	Interchangeable lens digital camera
	Lens mount	E-mount
	Lens compatibility	Sony E-mount lenses
Image sensor	Type	35mm full frame Exmor CMOS sensor
	Number of pixels (effective)	approx.12.2Megapixels
	Number of pixels (total)	approx.12.4Megapixels
	Image sensor aspect ratio	3:2
	Color filter	R, G, B primary color
	Anti-Dust function	Yes
	Anti-Dust system	Charge protection coating on Optical Filter and ultrasonic vibration mechanism
	Anti-Dust operation (auto)	Power off

Specifications - UMC-S3C/P (cont'd)

Recording system (still image)	Recording format	JPEG (DCF Ver. 2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
	Image size (pixels) [3:2]	35mm full frame L: 4240 x 2832 (12M), M: 2768 x 1848 (5.1M), S: 2128 x 1416 (3.0M) APS-C L: 2768 x 1848 (5.1M), M: 2128 x 1416 (3.0M), S: 1376 x 920 (1.3M)
	Image size (pixels) [16:9]	35mm full frame L: 4240 x 2384 (10M), M: 2768 x 1560 (4.3M), S: 2128 x 1200 (2.6M) APS-C L: 2768 x 1560 (4.3M), M: 2128 x 1200 (2.6M), S: 1376 x 776 (1.1M)
	Image quality modes	RAW
		RAW & JPEG
		JPEG Extra fine
		JPEG Fine
		JPEG Standard
	14bit RAW	Yes
	Picture Profile	Yes (Off / PP1-PP9) Parameters: Black level, Gamma (Movie, Still, Cine1-4, ITU709, ITU709 [800%], S-Log2, S-Log3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset
	Dynamic Range functions	Off, Dynamic Range Optimizer (Auto/Level (1-5)), Auto High Dynamic Range (Auto Exposure Difference, Exposure Difference Level (1-6 EV, 1.0 EV step))
	Color space	sRGB standard (with sYCC gamut)

Specifications - UMC-S3C/P (cont'd)

Recording system (movie)	Recording format	XAVC S
	Video compression	XAVC S:MPEG-4 AVC/H.264
	Image size (pixels) [XAVC S]	XAVC S 4K: 3810 x 2160 XAVC S HD: 1920 x 1080
	Picture Profile	Yes (Off / PP1-PP9) Parameters: Black level, Gamma (Movie, Still, Cine1-4, ITU709, ITU709 [800%], S-Log2, S-Log3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset
	Color space	xvYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS Color
Movie recording system (XAVC S 4K)	3840 x 2160(29.97P, 100M)	Approx.100Mbps (NTSC mode)
	3840 x 2160(25P, 100M)	Approx.100Mbps (PAL mode)
	3840 x 2160(23.98P, 100M)	Approx.100Mbps (NTSC mode)
	3840 x 2160(29.97P, 60M)	Approx.60Mbps (NTSC mode)
	3840 x 2160(25P, 60M)	Approx.60Mbps (PAL mode)
	3840 x 2160(23.98P, 60M)	Approx.60Mbps (NTSC mode)

Specifications - UMC-S3C/P (cont'd)

Movie recording system (XAVC S HD)	1920 x 1080(119.88P, 100M)	Approx.100Mbps (NTSC mode)
	1920 x 1080(100P, 100M)	Approx.100Mbps (PAL mode)
	1920 x 1080(119.88P, 60M)	Approx.60Mbps (NTSC mode)
	1920 x 1080(100P, 60M)	Approx.60Mbps (PAL mode)
	1920 x 1080(59.94P, 50M)	Approx.50Mbps (NTSC mode)
	1920 x 1080(50P, 50M)	Approx.50Mbps (PAL mode)
	1920 x 1080(29.97P, 50M)	Approx.50Mbps (NTSC mode)
	1920 x 1080(25P, 50M)	Approx.50Mbps (PAL mode)
	1920 x 1080(23.98P, 50M)	Approx.50Mbps (NTSC mode)
High Frame Rate Recording	1920 x 1080(29.97P, 16M)	Approx.16Mbps (NTSC mode)
	1920 x 1080(25P, 16M)	Approx.16Mbps (PAL mode)
	1920 x 1080(23.98P, 12M)	Approx.12Mbps (NTSC mode)

Specifications - UMC-S3C/P (cont'd)

Movie function	PAL/NTSC Selector	Yes
	TC/UB	Yes (TC Preset/UB Preset/TC Format/TC Run/TC Make/UB Time Rec)
	Auto Slow Shutter	Yes
	REC Control	Yes
	HDMI Output	3840 x 2160(25P) 1920 x 1080(50P) 1920 x 1080(50i) 1920 x 1080(23.98P) 1920 x 1080(59.94P) 1920 x 1080(59.94i) 3840 x 2160(29.97P) 3840 x 2160(23.98P), YCbCr 4:2:2 8bit / RGB 8bit
Recording system	Media	SD memory card
		SDHC memory card (UHS-I compliant)
		SDXC memory card (UHS-I compliant)
		microSD memory card
		microSDHC memory card
		microSDXC memory card
	Memory card slot	SD memory card
	File system	FAT12, 16, 32, exFAT
	Noise reduction	Long exposure NR: On/Off , available at shutter speeds longer than 1 sec.
White balance	Noise reduction	High ISO NR: Normal/Low/Off
	Multi Frame NR	Auto/ISO 100 to 409600
	Modes	Auto / Daylight / Shade / Cloudy / Incandescent / Fluorescent < Warm White / Cool White / Day White / Daylight> / Flash /Underwater/ Color Temperature <2500 to 9900K> & color filter <G7 to M7(57-step), A7 to B7(29-step)>
	AWB micro adjustment	Yes<G7 to M7,57-step><A7 to B7,29-step>

Specifications - UMC-S3C/P (cont'd)

Focus system	Type	Contrast-detection AF
	Focus sensor	"Exmor" CMOS sensor
	Focus point	169 points (contrast-detection AF)
	Sensitivity range	EV-4 to EV20 (ISO100 equivalent with F2.0 lens attached)
	AF mode	AF-S (Single-shot AF), AF-C ( Continuous AF), Manual Focus
	Focus area	Wide (169 points(contrast-detection AF))
	Other features	Focus lock
Exposure control	Metering type	1200-zone evaluative metering
	Metering sensor	"Exmor" CMOS sensor
	Metering sensitivity	EV-3 to EV20 (at ISO100 equivalent with F2.0 lens attached)
	Modes	Multi-segment
	Exposure modes	AUTO(iAuto/Superior Auto)
		Programmed AE (P)
		Aperture priority (A)
		Shutter-speed priority (S)
		Manual (M)
		Movie / High Frame Rate (Programmed AE (P) / Aperture priority (A) / Shutter-speed priority (S) / Manual (M) )
	Exposure compensation	+/- 5.0EV(1/3 EV, 1/2 EV steps selectable)
	AE Lock	Locked when shutter button is pressed halfway. Available with AE lock button. (On/Off/Auto)
	ISO sensitivity (Recommended Exposure Index)	Still images: ISO 100-102400 (ISO numbers up from ISO 50 to ISO 409600 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper limit) Movies: ISO 100-102400 equivalent (ISO numbers up to ISO 409600 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper

		limit)
Other features	ISO AUTO Min. SS	Yes
	Clock Function, Setting	Yes
	Area Setting	Yes

Specifications - UMC-S3C/P (cont'd)

Clear Image Zoom	Still images	Approx. 2x
	Movies	Approx. 2x
Digital zoom	Digital zoom (Still images)	35mm full frame: L:approx 4x, M:approx 6.1x, S:approx 8x APS-C: L:approx 4x, M:approx 5.2x, S:approx 8x
	Digital zoom (Movie)	35mm full frame: approx. 4x APS-C: approx. 4x
Shutter	Type	Electronically-controlled, vertical-traverse, focal-plane type
	Shutter speed	Still images: 1/8000 to 30 sec, Bulb, Movies: 1/8000 to 1/4(1/3 steps) up to 1/60 in AUTO mode (up to 1/30 in Auto slow shutter mode)
	Electronic Front Curtain Shutter	Yes(ON/OFF)
	Silent Shooting	Yes(ON/OFF)
Drive	Drive modes	Single Shooting
		Continuous shooting
	Speed (approx., max.)*1	Continuous mode: max. 2.5 fps
	No. of frame recordable* (approx.)*1, *2	Continuous mode: JPEG Extra fine L: 109 frames
	No. of frame recordable* (approx.)*1, *2	Continuous mode: JPEG Fine L: 200 frames
	No. of frame recordable* (approx.)*1, *2	Continuous mode: JPEG Standard L: 200 frames
	No. of frame recordable* (approx.)*1, *2	Continuous mode: RAW: 67 frames
	No. of frame recordable* (approx.)*1, *2	Continuous mode: RAW&JPG: 42 frames

	Modes	Delete
Interface	PC interface	PC remote
	Multi / Micro USB Terminal*3	Yes
	HD output	HDMI (Type-D)
	DC IN Terminal	VDC 12V—25%+10% (9V~13.2V)
	PC Remote	Yes
Power	Battery for clock	MS621T, Button Type, Manganese-Silicon, Approx.0.23g(without Tabs), 1pcs

Specifications - UMC-S3C/P (cont'd)

Power consumption Weight	With Viewfinder	19W(including lens)
	Body only	Approx. 390 g (without lens)
	oz Body only	approx. 13.8 oz (without lens)
Dimensions	mm (WxHxD) excluding protrusions	Approx. 104mm x 84mm x 48mm
	inch (WxHxD) excluding protrusions	Approx. 4 1/8 x 3 3/8 x 1 15/16 inches
Body material	Body material	Magnesium alloy, High rigidity engineering plastic exterior
Operating Temperature	Operating temperature	0 - 45 degrees C
		32 - 113 degrees F
Supplied Accessory		Body cap (1)
		Tripod adapter (1)
		Tripod adapter fixing screw (4)
		Safety Regulations (1)
		Operating Instructions - Download site Information (1)
		Warranty booklet (1-year) (1)
Safety Regulations		UL60950-1, cUL No.60950-1, IEC60950-1
		VCCI (Class A), FCC Part15B (Class A), IC ICES-003 (Class A)
		Emission: EN55032 (Class A), EN61326-1 (Class A)
		Immunity: EN55024, EN61326-1
		Emission: AS/NZS CISPR32(EN55032) (Class A)
		MSIP EMC KN32 (Class A), KN35