Panasonic CONNECT



The AW-UB50 and AW-UB10 are box-style cameras with large sensors housed in a compact body, offering excellent resolution and expression capabilities. They adopt a common IP control protocol that enables seamless integration with our remote camera systems

Key Features

- Compact, lightweight
- Interchangeable lens type
- Remote camera integration
- Combination with Pan-Tilt heads (3rd party)

AW-UB50

The AW-UB50 is equipped with a 24.2-megapixel effective full-size MOS sensor, while the AW-UB10 features a 10.3-megapixel effective 4/3-inch MOS sensor. Both achieve high sensitivity by optimizing dynamic range and signal-to-noise ratio for exceptional resolution, tonal gradation, color reproduction, and low noise. Both models come with Dual Native ISO for high-sensitivity video even in low-light environments, allowing shooting with compact lighting equipment or natural light without significantly compromising video quality. This also reduces the need for extensive post-production work, such as noise reduction. In ISO Auto mode, ISO sensitivity is displayed in real time to visualize noise levels while shooting.

Panasonic CONNECT

AW-UB50

https://latam.connect.panasonic.com/ar/en/products/broadcast-proav/aw-ub50

General -> Power Supply	When using Lithium-ion battery pack: 7.28 V When using included AC adapter: 12 V/3 A When using PoE+ compatible hub: IEEE802.3at compliant
General -> Weight	Approx. 585 g / 1.29 lb (Body only)
General -> Dimensions	W 93.0 mm x 93.0 mm x 78.8 mm (3.66 inches x 3.66 inches x 3.1 inches) (excluding protrusions)
Camera Unit -> Imaging Sensor	35 mm full-size (35.6 mm x 23.8mm) MOS x 1
Camera Unit -> Effective Pixels	Approx. 24.2 megapixels
Camera Unit -> Latitude	V-Log: 14+ stops
Camera Unit -> Photo Style	PTZ camera (UE160) / Standard / Vivid / Natural / Flat / Landscape / Portrait / Cinelike D2 / Cinelike V2 / Like709 / V-LOG / 2100-like (HLG) / My Photo Style 1-10
SD Card Recording -> Recording Media	SD Memory Card, SDHC Memory Card, and SDXC Memory Card for dual-slot recording
General -> PoE	PoE+ IEEE802.3at compliant
General -> Power Consumption -> when recording	8.1 W (When the interchangeable lens S-R24105 is attached)
General -> Power Consumption -> when playing back	6.9 W (When the interchangeable lens S-R24105 is attached)
General -> Operating Temperature	-10 °C to 40 °C (14 °F to 104 °F)
General -> Operating Humidity	10 % to 80 %
General -> Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
General -> Storage Humidity	0 % to 90 %
General -> Dust Proof	—
General -> Type	—
Camera Unit -> Latitude	V-Log: 14+ stops
Camera Unit -> Focus -> Focus mode	AF / MF
Camera Unit -> Focus -> AF mode	Motion picture: Auto Detection (Face, Eye, Body, Animal) / Tracking / 225-Area / Zone (Oval) / 1-Area Still image: Auto Detection (Face, Eye, Body, Animal) / 225-Area /1-Area (Tethered photo shooting with LUMIX Tether for Multicam software)
Camera Unit -> ISO Sensitivity (Standard Output Sensitivity)	AUTO / 100 to 51200 (When [Extended ISO] is set: AUTO / 50 to 204800) AUTO / 0 dB to 54 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 66 dB) * ISO sensitivity can be changed in 1/3EV steps
Camera Unit -> Dual Native ISO -> Normal	[AUTO] Base sensitivity: ISO100/640 (dB display values are based on ISO100) AUTO / 100 to 51200 (When [Extended ISO] is set: AUTO / 50 to 204800) AUTO / 0 dB to 54 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 66 dB) [LOW] Base sensitivity: ISO100 AUTO / 100 to 800 (When [Extended ISO] is set: AUTO / 50 to 800) AUTO / 0 dB to 18 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 18 dB) [HIGH] Base sensitivity: ISO640 AUTO / 640 to 51200 (When [Extended ISO] is set: AUTO / 320 to 204800) AUTO / 0 dB to 38 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 50 dB)
Camera Unit -> Dual Native ISO -> PTZ Camera (AW-UE160)	[AUTO] Base sensitivity: ISO400/2500 (dB display values are based on ISO400) AUTO / 400 to 51200 (When [Extended ISO] is set: AUTO / 400 to 204800) AUTO / 0 dB to 42 dB (When [Extended Gain Setting] is set: AUTO / 0 dB to 54 dB) [LOW] Base sensitivity: ISO400 AUTO / 400 to 3200 AUTO / 0 dB to 18 dB [HIGH] Base sensitivity: ISO2500 AUTO / 2500 to 51200 (When [Extended ISO] is set: AUTO / 2500 to 204800) AUTO / 0 dB to 26 dB (When [Extended Gain Setting] is set: AUTO / 0 dB to 38 dB)
Camera Unit -> Dual Native ISO -> V-Log	[AUTO] Base sensitivity: ISO640/4000 (dB display values are based on ISO640) AUTO / 640 to 51200 (When [Extended ISO] is set: AUTO / 320 to 51200) AUTO / 0 dB to 38 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 38 dB) [LOW] Base sensitivity: ISO640 AUTO / 640 to 5000 (When [Extended ISO] is set: AUTO / 320 to 5000) AUTO / 0 dB to 18 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 18 dB) [HIGH] Base sensitivity: ISO4000 AUTO / 4000 to 51200 (When [Extended ISO] is set: AUTO / 2000 to 51200) AUTO / 0 dB to 22 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 22 dB)
Camera Unit -> Dual Native ISO -> HLG	[AUTO] Base sensitivity: ISO400/2500 (dB display values are based on ISO400) AUTO / 400 to 51200 (When [Extended ISO] is set: AUTO / 400 to 204800) AUTO / 0 dB to 42 dB (When [Extended Gain Setting] is set: AUTO / 0 dB to 54 dB) [LOW] Base sensitivity: ISO400 AUTO / 400 to 3200 AUTO / 0 dB to 18 dB [HIGH] Base sensitivity: ISO2500 AUTO / 2500 to 51200 (When [Extended ISO] is set: AUTO / 2500 to 204800) AUTO / 0 dB to 26 dB (When [Extended Gain Setting] is set: AUTO / 0 dB to 38 dB)

Camera Unit -> Dual Native ISO -> Cinelike D2/V2	[AUTO] Base sensitivity: ISO200/1250 (dB display values are based on ISO200) AUTO / 200 to 51200 (When [Extended ISO] is set: AUTO / 100 to 204800) AUTO / 0 dB to 48 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 60 dB) [LOW] Base sensitivity: ISO200 AUTO / 200 to 1600 (When [Extended ISO] is set: AUTO / 100 to 1600) AUTO / 0 dB to 18 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 18 dB) [HIGH] Base sensitivity: ISO1250 AUTO / 1250 to 51200 (When [Extended ISO] is set: AUTO / 640 to 204800) AUTO / 0 dB to 32 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 44 dB)
Camera Unit -> Creative Video Mode	[Custom Mode C1] to [Custom Mode C12]
Camera Unit ->Exposure Compensation	Motion picture: 1/3 EV step ±3 EV Still image: 1/3 EV step ±5 EV * Tethered photo shooting with LUMIX Tether for Multicam software.
Camera Unit -> Exposure Bracketing	−
Camera Unit -> Light metering system/mode	1728-zone metering, multi-metering / center-weighted metering / spot metering / highlight-weighted metering (only for video)
Camera Unit ->Shutter Speed-> Still	1/8,000 - 1 (Tethered photo shooting with LUMIX Tether for Multicam software)
Camera Unit -> Shutter Speed-> Movie	1/16,000 - 1/2
Camera Unit ->White Balance	AWB / AWBc / AWBw / Daylight / Cloudy / Shade / Incandescent lights / White Set 1, 2, 3, 4 / Color temperature 1, 2, 3, 4
Camera Unit -> Still Picture Recording -> Recording file format	JPEG (DCF, Exif 2.31) * Tethered photo shooting with LUMIX Tether for Multicam software
Camera Unit -> Still Picture Recording -> File size	6000 x 4000 (L) / 4272 x 2848 (M) / 3024 x 2016 (S)
Camera Unit -> Recording Format (MOV) -> System frequency: 59.94Hz Image Area of Video: FULL	5952x3968 (3:2 6K), 23.98p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 5376x3584 (3:2 5.4K), 29.97p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 5888x3312 (16:9 5.9K), 29.97p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 5888x3312 (16:9 5.9K), 23.98p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 4096x2160 (C4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 4096x2160 (C4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 119.88p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 1920x1080 (FHD), 59.94p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 59.94i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP),H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 47.95p, 100Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 1920x1080 (FHD), 29.97p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 23.98p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM
Camera Unit -> Recording Format (MOV) -> System frequency: 59.94Hz Image Area of Video: PIXEL/PIXEL	4096x2160 (C4K), 59.94p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 4096x2160 (C4K), 59.94p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 4096x2160 (C4K), 47.95p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 4096x2160 (C4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 4096x2160 (C4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 59.94p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 3840x2160 (4K), 59.94p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 47.95p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 3840x2160 (4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 47.95p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 119.88p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM* 1920x1080 (FHD), 59.94p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 59.94i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 47.95p, 100Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 1920x1080 (FHD), 29.97p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 23.98p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM * Available only for S35mm; not compatible with PIXEL/PIXEL combination (Recording time limit: No time restriction).

Camera Unit -> Recording Format (MOV) -> System frequency: 50.00Hz Image Area of Video: FULL	5376x3584 (3:2 5.4K), 25.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 5888x3312 (16:9 5.9K), 25.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 4096x2160 (C4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 100.00p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 1920x1080 (FHD), 50.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 50.00i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 25.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM
Camera Unit -> Recording Format (MOV) -> System frequency: 50.00Hz Image Area of Video: PIXEL/PIXEL	4096x2160 (C4K), 50.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 4096x2160 (C4K), 50.00p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 4096x2160 (C4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 50.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 3840x2160 (4K), 50.00p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 50.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 50.00p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 100.00p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM* 1920x1080 (FHD), 50.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 50.00i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 25.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM * Available only for S35mm; not compatible with PIXEL/PIXEL combination (Recording time limit: No time restriction).
Camera Unit -> Recording Format (MOV) -> System frequency: 24.00Hz Image Area of Video: FULL	5952x3968 (3:2 6K), 24.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 5888x3312 (16:9 5.9K), 24.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 4096x2160 (C4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 48.00p, 100Mbps (420/10bi LongGOP), H.265/HEVC, LPCM 1920x1080 (FHD), 24.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM
Camera Unit -> Recording Format (MOV) -> System frequency: 24.00Hz Image Area of Video: PIXEL/PIXEL	4096x2160 (C4K), 48.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 4096x2160 (C4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 48.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 3840x2160 (4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 48.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 48.00p, 100Mbps (420/10bit LongGOP), H.265/HEVC, LPCM 1920x1080 (FHD), 24.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM
Camera Unit -> Recording Format (MP4) -> System frequency: 59.94Hz Image Area of Video: FULL	3840x2160 (4K), 29.97p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 23.98p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 29.97p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 3840x2160 (4K), 23.98p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 59.94p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 29.97p, 20Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 23.98p, 24Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC
Camera Unit -> Recording Format (MP4) -> System frequency: 59.94Hz Image Area of Video: PIXEL/PIXEL	3840x2160 (4K), 59.94p, 100Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 29.97p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 23.98p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 29.97p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 3840x2160 (4K), 23.98p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 59.94p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 29.97p, 20Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 23.98p, 24Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC
Camera Unit -> Recording Format (MP4) -> System frequency: 50.00Hz Image Area of Video: FULL	3840x2160 (4K), 25.00p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 25.00p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 50.00p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 25.00p, 20Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC
Camera Unit -> Recording Format (MP4) -> System frequency: 50.00Hz Image Area of Video: S35mm / PIXEL/PIXEL	3840x2160 (4K), 50.00p, 100Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 25.00p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC 3840x2160 (4K), 25.00p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 50.00p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC 1920x1080 (FHD), 25.00p, 20Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC

Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 59.94Hz Image Area of Video: FULL	1920x1080 (FHD), 59.94p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* 1920x1080 (FHD), 29.97p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* 1920x1080 (FHD), 23.98p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* * Angle of view narrows if you select a frame rate with a number of frames 151 or more.
Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 59.94Hz Image Area of Video: S35mm	4096x2160 (C4K), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 4096x2160 (C4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 Anamorphic 4K), 29.97p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 Anamorphic 4K), 23.98p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 59.94p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* 1920x1080 (FHD), 29.97p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* 1920x1080 (FHD), 23.98p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* * Angle of view narrows if you select a frame rate with a number of frames 151 or more.
Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 59.94Hz Image Area of Video: PIXEL/PIXEL	4096x2160 (C4K), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 4096x2160 (C4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 Anamorphic 4K), 29.97p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 23.98p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM
Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 50.00Hz Image Area of Video: FULL	1920x1080 (FHD), 50.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* 1920x1080 (FHD), 25.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* * Angle of view narrows if you select a frame rate with a number of frames 151 or more.
Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 50.00Hz Image Area of Video: S35mm	4096x2160 (C4K), 25.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 25.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 Anamorphic 4K), 25.00p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 50.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* 1920x1080 (FHD), 25.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* * Angle of view narrows if you select a frame rate with a number of frames 151 or more.
Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 50.00Hz Image Area of Video: PIXEL/PIXEL	4096x2160 (C4K), 25.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 25.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 Anamorphic 4K), 25.00p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 25.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM
Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 24.00Hz Image Area of Video: FULL	1920x1080 (FHD), 24.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* * Angle of view narrows if you select a frame rate with a number of frames 151 or more.
Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 24.00Hz Image Area of Video: S35mm	4096x2160 (C4K), 24.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 24.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 Anamorphic 4K), 24.00p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 24.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM* * Angle of view narrows if you select a frame rate with a number of frames 151 or more.

Camera Unit -> Recording Format (MOV、VFR) -> System frequency: 24.00Hz Image Area of Video: PIXEL/PIXEL	4096x2160 (C4K), 24.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3840x2160 (4K), 24.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 3328x2496 (4:3 [Anamorphic 4K), 24.00p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM 1920x1080 (FHD), 24.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM
Camera Unit -> Picture Adjustment	Contrast*1 / Highlight*1 / Shadow*1 / Saturation*2 / Color Tone*2 / Sharpness / Noise Reduction / Dual Native ISO Setting / ISO / WB *1: Excluding Like709/V-Log/Like2100 (HLG) *2: Excluding V-Log
Camera Unit -> Continuous Shooting	—
Input Connector -> DC IN	DC 12 V (11.4–12.6 V), EIAJ Type4、PoE+ (IEEE802.3at compliant)
Input Connector -> External Microphone	φ3.5 mm for external microphone / external audio device MIC (Plug-in Power) / MIC / LINE is selectable
Input Connector -> AUDIO IN	XLR (3-pin) x 2 (INPUT1, INPUT2) LINE / MIC / MIC+48V is selectable
Input Connector -> GENLOCK IN	BNC x 1
Output Connector -> HDMI	HDMI Type A
Output Connector -> SDI OUT	BNC x 1、0.8V[p-p]、75Ω、3G-SDI
Output Connector -> Headphone	φ3.5mm
Input/Output Connector-> TC IN/OUT	BNC x 1
Input/Output Connector -> USB	USB Type-C (uper Speed USB3.1 GEN1)
Input/Output Connector -> LAN	Remote Control: LAN Terminal (RJ-45) Power Supply: PoE+ (IEEE802.3at compliant)
Input/Output Connector -> REMOTE IN	φ2.5mm
Streaming-> Compatible Protocol	RTP / RTSP
Streaming -> Streaming Image Quality -> System frequency: 59.94Hz (NTSC)	H.264 3840x2160 (4K), 59.94p, 50Mbps 3840x2160 (4K), 59.94p, 25Mbps 3840x2160 (4K), 29.97p, 25Mbps 3840x2160 (4K), 29.97p, 12.5Mbps 1920x1080 (FHD), 59.94p, 16Mbps 1920x1080 (FHD), 59.94p, 8Mbps 1920x1080 (FHD), 29.97p, 6Mbps 1920x1080 (FHD), 29.97p, 3Mbps 1280x720 (HD), 59.94p, 6Mbps 1280x720 (HD), 29.97p, 4Mbps H.265 3840x2160 (4K), 59.94p, 50Mbps 3840x2160 (4K), 59.94p, 25Mbps 3840x2160 (4K), 29.97p, 25Mbps 3840x2160 (4K), 29.97p, 12.5Mbps 1920x1080 (FHD), 59.94p, 20Mbps 1920x1080 (FHD), 59.94p, 16Mbps 1920x1080 (FHD), 29.97p, 12Mbps 1920x1080 (FHD), 29.97p, 6Mbps
Streaming -> Streaming Image Quality -> System frequency: 50.00Hz (PAL)	H.264 3840x2160 (4K), 50.00p, 50Mbps 3840x2160 (4K), 50.00p, 25Mbps 3840x2160 (4K), 25.00p, 25Mbps 3840x2160 (4K), 25.00p, 12.5Mbps 1920x1080 (FHD), 50.00p, 16Mbps 1920x1080 (FHD), 50.00p, 8Mbps 1920x1080 (FHD), 25.00p, 6Mbps 1920x1080 (FHD), 25.00p, 3Mbps 1280x720 (HD), 50.00p, 6Mbps 1280x720 (HD), 25.00p, 4Mbps H.265 3840x2160 (4K), 50.00p, 50Mbps 3840x2160 (4K), 50.00p, 25Mbps 3840x2160 (4K), 25.00p, 25Mbps 3840x2160 (4K), 25.00p, 12.5Mbps 1920x1080 (FHD), 50.00p, 20Mbps 1920x1080 (FHD), 50.00p, 16Mbps 1920x1080 (FHD), 25.00p, 12Mbps 1920x1080 (FHD), 25.00p, 6Mbps
Footnote Description	*1 Slots 1 and 2 compatible with UHS-I/UHS-II UHS Speed Class 3 and UHS-II Video Speed Class 90