Panasonic
CONNECT




# AW-UB50

Panasonic CONNECT

# AW-UB50

https://latam.connect.panasonic.com/bo/pt/produtos/broadcast-proav/aw-ub50

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| **General -> Power Supply** | When using Lithium-ion battery pack: 7.28 V<br>When using included AC adapter: 12 V/3 A<br>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<br>(3.66 inches x 3.66 inches x 3.1 inches)<br>(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+<br>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<br>Still image: Auto Detection (Face, Eye, Body, Animal) / 225-Area /1-Area<br>(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)<br>AUTO / 0 dB to 54 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 66 dB)<br>* 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)<br>AUTO / 100 to 51200 (When [Extended ISO] is set: AUTO / 50 to 204800)<br>AUTO / 0 dB to 54 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 66 dB)<br>[LOW] Base sensitivity: ISO100<br>AUTO / 100 to 800 (When [Extended ISO] is set: AUTO / 50 to 800)<br>AUTO / 0 dB to 18 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 18 dB)<br>[HIGH] Base sensitivity: ISO640<br>AUTO / 640 to 51200 (When [Extended ISO] is set: AUTO / 320 to 204800)<br>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)<br>AUTO / 400 to 51200 (When [Extended ISO] is set: AUTO / 400 to 204800)<br>AUTO / 0 dB to 42 dB (When [Extended Gain Setting] is set: AUTO / 0 dB to 54 dB)<br>[LOW] Base sensitivity: ISO400<br>AUTO / 400 to 3200<br>AUTO / 0 dB to 18 dB<br>[HIGH] Base sensitivity: ISO2500<br>AUTO / 2500 to 51200 (When [Extended ISO] is set: AUTO / 2500 to 204800)<br>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)<br>AUTO / 640 to 51200 (When [Extended ISO] is set: AUTO / 320 to 51200)<br>AUTO / 0 dB to 38 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 38 dB)<br>[LOW] Base sensitivity: ISO640<br>AUTO / 640 to 5000 (When [Extended ISO] is set: AUTO / 320 to 5000)<br>AUTO / 0 dB to 18 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 18 dB)<br>[HIGH] Base sensitivity: ISO4000<br>AUTO / 4000 to 51200 (When [Extended ISO] is set: AUTO / 2000 to 51200)<br>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)<br>AUTO / 400 to 51200 (When [Extended ISO] is set: AUTO / 400 to 204800)<br>AUTO / 0 dB to 42 dB (When [Extended Gain Setting] is set: AUTO / 0 dB to 54 dB)<br>[LOW] Base sensitivity: ISO400<br>AUTO / 400 to 3200<br>AUTO / 0 dB to 18 dB<br>[HIGH] Base sensitivity: ISO2500<br>AUTO / 2500 to 51200 (When [Extended ISO] is set: AUTO / 2500 to 204800)<br>AUTO / 0 dB to 26 dB (When [Extended Gain Setting] is set: AUTO / 0 dB to 38 dB) |

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| **Camera Unit -> Dual Native ISO -> Cinelike D2/V2** | [AUTO] Base sensitivity: ISO200/1250 (dB display values are based on ISO200)<br>AUTO / 200 to 51200 (When [Extended ISO] is set: AUTO / 100 to 204800)<br>AUTO / 0 dB to 48 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 60 dB)<br>[LOW] Base sensitivity: ISO200<br>AUTO / 200 to 1600 (When [Extended ISO] is set: AUTO / 100 to 1600)<br>AUTO / 0 dB to 18 dB (When [Extended Gain Setting] is set: AUTO / -6 dB to 18 dB)<br>[HIGH] Base sensitivity: ISO1250<br>AUTO / 1250 to 51200 (When [Extended ISO] is set: AUTO / 640 to 204800)<br>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<br>Still image: 1/3 EV step ±5 EV<br>* Tethered photo shooting with LUMIX Tether for Multicam software. |
| **Camera Unit -> Exposure Bracketing** | − |
| **Camera Unit -> Light metering system/mode** | 1728-zone metering,<br>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)<br>* 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<br>5376x3584 (3:2 5.4K), 29.97p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>5888x3312 (16:9 5.9K), 29.97p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>5888x3312 (16:9 5.9K), 23.98p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>4096x2160 (C4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>4096x2160 (C4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 119.88p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>1920x1080 (FHD), 59.94p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 59.94i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP),H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 47.95p, 100Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>1920x1080 (FHD), 29.97p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>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<br>4096x2160 (C4K), 59.94p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>4096x2160 (C4K), 47.95p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>4096x2160 (C4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>4096x2160 (C4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 59.94p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>3840x2160 (4K), 59.94p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 47.95p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>3840x2160 (4K), 29.97p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 23.98p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 [Anamorphic 4K), 47.95p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>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<br>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<br>1920x1080 (FHD), 119.88p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM*<br>1920x1080 (FHD), 59.94p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 59.94i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 47.95p, 100Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>1920x1080 (FHD), 29.97p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 23.98p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>* Available only for S35mm; not compatible with PIXEL/PIXEL combination (Recording time limit: No time restriction). |

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| **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<br>5888x3312 (16:9 5.9K), 25.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>4096x2160 (C4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 100.00p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>1920x1080 (FHD), 50.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 50.00i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>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<br>4096x2160 (C4K), 50.00p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>4096x2160 (C4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 50.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>3840x2160 (4K), 50.00p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 25.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 [Anamorphic 4K), 50.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>3328x2496 (4:3 [Anamorphic 4K), 50.00p, 150Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>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<br>1920x1080 (FHD), 100.00p, 150Mbps (420/10bit LongGOP), H.265/HEVC, LPCM*<br>1920x1080 (FHD), 50.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 50.00i, 100Mbps (422/10bit ALL-I) / 50Mbps (422/10bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 25.00p, 200Mbps (422/10bit ALL-I) / 100Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>* 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<br>5888x3312 (16:9 5.9K), 24.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>4096x2160 (C4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 48.00p, 100Mbps (420/10bi LongGOP), H.265/HEVC, LPCM<br>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<br>4096x2160 (C4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 48.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>3840x2160 (4K), 24.00p, 400Mbps (422/10bit ALL-I) / 150Mbps (422/10bit LongGOP) / 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 [Anamorphic 4K), 48.00p, 200Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>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<br>1920x1080 (FHD), 48.00p, 100Mbps (420/10bit LongGOP), H.265/HEVC, LPCM<br>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<br>3840x2160 (4K), 23.98p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC<br>3840x2160 (4K), 29.97p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>3840x2160 (4K), 23.98p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>1920x1080 (FHD), 59.94p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>1920x1080 (FHD), 29.97p, 20Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>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<br>3840x2160 (4K), 29.97p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC<br>3840x2160 (4K), 23.98p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC<br>3840x2160 (4K), 29.97p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>3840x2160 (4K), 23.98p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>1920x1080 (FHD), 59.94p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>1920x1080 (FHD), 29.97p, 20Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>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<br>3840x2160 (4K), 25.00p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>1920x1080 (FHD), 50.00p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>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<br>3840x2160 (4K), 25.00p, 72Mbps (420/10bit LongGOP), H.265/HEVC, AAC<br>3840x2160 (4K), 25.00p, 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>1920x1080 (FHD), 50.00p, 28Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC<br>1920x1080 (FHD), 25.00p, 20Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, AAC |

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| **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*<br>1920x1080 (FHD), 29.97p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>1920x1080 (FHD), 23.98p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>* 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<br>4096x2160 (C4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 Anamorphic 4K), 29.97p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 Anamorphic 4K), 23.98p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 59.94p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>1920x1080 (FHD), 29.97p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>1920x1080 (FHD), 23.98p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>* 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<br>4096x2160 (C4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3840x2160 (4K), 23.98p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 Anamorphic 4K), 29.97p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 [Anamorphic 4K), 23.98p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 29.97p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>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*<br>1920x1080 (FHD), 25.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>* 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<br>3840x2160 (4K), 25.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 Anamorphic 4K), 25.00p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 50.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>1920x1080 (FHD), 25.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>* 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<br>3840x2160 (4K), 25.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 Anamorphic 4K), 25.00p (Maximum output of sensor is 50fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>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*<br>* 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<br>3840x2160 (4K), 24.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 Anamorphic 4K), 24.00p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>1920x1080 (FHD), 24.00p (Maximum output of sensor is 180fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM*<br>* Angle of view narrows if you select a frame rate with a number of frames 151 or more. |

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|---|---|
| **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<br>3840x2160 (4K), 24.00p (Maximum output of sensor is 60fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>3328x2496 (4:3 [Anamorphic 4K), 24.00p (Maximum output of sensor is 48fps), 100Mbps (420/8bit LongGOP), H.264/MPEG-4 AVC, LPCM<br>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<br>*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<br>MIC (Plug-in Power) / MIC / LINE is selectable |
| **Input Connector -> AUDIO IN** | XLR (3-pin) x 2 (INPUT1, INPUT2)<br>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)<br>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<br>3840x2160 (4K), 59.94p, 50Mbps<br>3840x2160 (4K), 59.94p, 25Mbps<br>3840x2160 (4K), 29.97p, 25Mbps<br>3840x2160 (4K), 29.97p, 12.5Mbps<br>1920x1080 (FHD), 59.94p, 16Mbps<br>1920x1080 (FHD), 59.94p, 8Mbps<br>1920x1080 (FHD), 29.97p, 6Mbps<br>1920x1080 (FHD), 29.97p, 3Mbps<br>1280x720 (HD), 59.94p, 6Mbps<br>1280x720 (HD), 29.97p, 4Mbps<br>H.265<br>3840x2160 (4K), 59.94p, 50Mbps<br>3840x2160 (4K), 59.94p, 25Mbps<br>3840x2160 (4K), 29.97p, 25Mbps<br>3840x2160 (4K), 29.97p, 12.5Mbps<br>1920x1080 (FHD), 59.94p, 20Mbps<br>1920x1080 (FHD), 59.94p, 16Mbps<br>1920x1080 (FHD), 29.97p, 12Mbps<br>1920x1080 (FHD), 29.97p, 6Mbps |
| **Streaming -> Streaming Image Quality -> System frequency: 50.00Hz (PAL)** | H.264<br>3840x2160 (4K), 50.00p, 50Mbps<br>3840x2160 (4K), 50.00p, 25Mbps<br>3840x2160 (4K), 25.00p, 25Mbps<br>3840x2160 (4K), 25.00p, 12.5Mbps<br>1920x1080 (FHD), 50.00p, 16Mbps<br>1920x1080 (FHD), 50.00p, 8Mbps<br>1920x1080 (FHD), 25.00p, 6Mbps<br>1920x1080 (FHD), 25.00p, 3Mbps<br>1280x720 (HD), 50.00p, 6Mbps<br>1280x720 (HD), 25.00p, 4Mbps<br>H.265<br>3840x2160 (4K), 50.00p, 50Mbps<br>3840x2160 (4K), 50.00p, 25Mbps<br>3840x2160 (4K), 25.00p, 25Mbps<br>3840x2160 (4K), 25.00p, 12.5Mbps<br>1920x1080 (FHD), 50.00p, 20Mbps<br>1920x1080 (FHD), 50.00p, 16Mbps<br>1920x1080 (FHD), 25.00p, 12Mbps<br>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 |