



Profesjonalna kamera z rejestratorem 4K

VariCam 35

Kamera produkcyjna 4K z nagradzonym przetwornikiem MOS Super 35 mm i podwójnym natywnym ISO (800 i 5000)

Key Features

Przetwornik Super 35 mm 4K zapewnia obrazy w prawdziwej jakości 4K oraz ponad 14-stopniowy zakres dynamiczny podczas rejestrowania obrazów HDR

Podwójne natywne ISO (800 i 5000) gwarantują o wiele większą czułość, nie zwiększając jednocześnie ilości szumów

Zmienna liczba klatek na sekundę (od 1 do 120) umożliwia odtwarzanie zarówno w zwolnionym, jak i przyspieszonym tempie

Niezwykle szeroki zakres barw przekraczający standard Rec. 2020, czyli przestrzeń barw wymaganą do przekazywania treści HDR

Modułowa konstrukcja umożliwia odłączenie przedniej części rejestratora za pomocą opcjonalnego przedłużacza o długości 5 lub 20 metrów



ProRes



AVC ULTRA



VariCam 35

<https://eu.connect.panasonic.com/pl/pl/products/broadcast-proav/varicam-35>

General (Combination of AU-V35C1G and AU-VREC1G)

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| Power | DC 12 V(11.0 V – 17.0 V) |
| Power Consumption | 69 W (Body only) 99 W (with all optional accessories connected and maximum power supplied from each output terminal) |
| Operating Temperature | 0°C to 40°C |
| Operating Humidity | 10% to 85% (relative humidity) |
| Storage Temperature | -20°C to 60°C |
| Weight | Approx. 5.0kg (Excluding protrusion) |
| Dimensions (W x H x D) | 179 mm x 230.5 mm x 347 mm (7-1/16 inches x 9-1/16 inches x 13 -21/32 inches) (Body only, excluding protrusion) |

Camera Module (AU-V35C1G)

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| Pickup Devices | super35 mm MOS 8.9 million pixels |
| Lens Mount | 35 mm PL mount |
| Optical Filter | ND filter: 1: CLEAR, 2: 0.6 ND 3: 1.2 ND, 4: 1.8 ND |
| Gain Settings | [ISO] mode: ISO 800 to 12800 [dB] mode: 0 to 24 dB (3dB step) |
| Shutter Speed | [deg] mode: 1.0 to 358 deg (0.5deg step) [sec] mode: 1/24 to 1/250 (When 24p mode) |

Recording Module (AU-VREC1G) When used with AU-V35C1G

Memory Card Recorder

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| Recording Media | expressP2 card, P2 card, microP2 card |
| Recording Resolution | 4096×2160, 3840×2160, 2048×1080, 1920×1080 |
| Recording Framerate | Maximum 4K/UHD 100p/120p, HD 100p/120p |
| System Frequency | 59.94p, 50p, 29.97p, 25p, 24p, 23.98p |
| Recording Format | Main Recorder: AVC-Intra4K444/AVC-Intra4K422/AVC-Intra4K-LT/AVC-Intra2K444/ AVC-Intra2K422/AVC-Intra444/AVC-Intra200/AVC-Intra100/ProRes422HQ/ProRes4444 Sub Recorder: AVC-Intra 2K422, AVC Intra 100, AVC LongG 50, AVC LongG 25 |

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| Recording Video Signal | 4096×2160 / 59.94p, 50p, 29.97p, 25p, 24p, 23.98p 3840×2160 / 59.94p, 50p, 29.97p, 25p, 23.98p 2048×1080 / 59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1920×1080 / 59.94p, 50p, 29.97p, 25p, 23.98p |
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| Recording/Playback Time (Main Codec) (when Express P2 Card 256GB is used)*2 | Approx. 45 min. (AVC-Intra 4K444, 24p) Approx. 90 min. (AVC-Intra4K 422, VFR OFF, 24p) Approx. 36 min. (AVC-Intra4K 4:2:2, VFR ON, 50p/59.94p) Approx. 32 min. (AVC-Intra 4K-LT VFR:ON, 100fps/120fps) Approx. 64 min. (AVC-Intra 100, VFR ON, 100fps/120fps) Approx. 60 min. (ProRes 422 HQ, VFR:ON, 60fps) Approx. 110 min. (ProRes4444, VFR:OFF, 24p) |
| Recording/Playback Time (Sub Codec) (when Micro P2 Card 64GB is used)*2 | Approx. 64 min. (AVC-Intra 2K422, 25.00p/29.97p) Approx. 64 min. (AVC-Intra100, 25p/29.97p) Approx. 128 min. (AVC-LongG50, 25p/29.97p) Approx. 256 min. (AVC-LongG25, 25p/29.97p) |

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| Digital Video | |
| Quantizing | 12bit(AVC-Intra 4K444), 10 bit (Other than AVC-Intra 4K444) |
| Video Compression Format | AVC Intra 4K444, AVC Intra 4K422, AVC-Intra 4K-LT, AVC-Intra 2K422, AVC-Intra100 : MPEG-4 AVC/H.264 Intra Profile AVC LongG50, AVC LongG25 : MPEG-4 AVC/H.264 ProRes 422 HQ, ProRes4444 |

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| Digital Audio | |
| Recording Audio Signal | 48 kHz/24 bit, 4ch Head room 18 dB/20 dB menu switchable |

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|-----------------------------------------|------------------------|
| Proxy | |
| Video Compression Format (Proxy) | H.264/AVC High Profile |
| Audio Compression Format | LPCM |
| Recording Time (1GB)*2 | Approx.25 min. |

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| Video Input/Output | |
| SDI Out | HD (1.5G)/3G SDI, 0.8 V[p-p], 75 Ω (1 set, 4 pieces) |
| MON Out1 | HD (1.5G)/3G SDI, 0.8 V[p-p], 75 Ω |
| MON Out2 | HD (1.5G)/3G SDI, 0.8 V[p-p], 75 Ω |
| VF SDI | HD (1.5G)/3G SDI, 0.8 V[p-p], 75 Ω |
| Audio Input/Output | |
| Audio In: (CH1/CH2) | XLR x 2, 3 pin, LINE/MIC/MIC+48V/AES switchable |
| Phones | Stereo mini jack |
| Speaker | 20 mm diameter, round x 1 |
| Other Input/Output | |
| Genlock In | HD (1.5G)/3G SDI, 0.8 V[p-p], 75 Ω |
| TC In/Out | HD (1.5G)/3G SDI, 0.8 V[p-p], 75 Ω |
| DC In | XLR 4 pin, DC 12 V (DC 11.0 V to 17.0 V) |
| DC Out/RS | 4 pin, DC12 V (DC11.0 V to 17.0 V), maximum output current 1.0 A |
| DC Out | 2 pin, DC12 V (DC11.0 V to 17.0 V), maximum output current 1.0 A |
| Lens | 12pinx1, 4pinx2 |
| VF | 14 pin |
| LAN | 100BASE-TX/10BASE-T |
| USB 2.0 (Device) | Type B connector, 4 pin |
| USB 2.0 (Host) | Type A connector, 4 pin |
| EXT | 50 pin (for external recording only) |
| Control Panel (LCD) | 3.5-type QHD color monitor (Approx. 1.56 million dots) |
| Electronic HD Color View Finder (AU-VCVF1G) | |
| Display Panel | OLED, 0.7-type, 2.76 million dots |
| Signal Input | 1080/59.94p, 1080/50p, 1080/60p |

***1: Specification is as of July 2015.
Specification subject to change upon
firmware upgrade. *2: These are
reference values for continuous
recording. The recording time may
differ depending on the scene or the
number of clips.**