



Profesjonalna kamera z rejestratorem 4K

## VariCam LT VariCam — kinowa jakość w niewielkich rozmiarach

Kamera produkcyjna 4K z nagradzaniem przetwornikiem MOS Super 35 mm i dwoma natywnymi ustawieniami ISO (800 i 5000)

### Key Features

Kompaktowa i lekka obudowa z magnezu waży zaledwie 2,7 kg

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

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

Standardowe mocowanie EF pozwala stosować szeroką gamę obiektywów; można je też zdjąć i zastąpić opcjonalnym mocowaniem PL



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<https://eu.connect.panasonic.com/pl/pl/products/broadcast-proav/varicam-lt-varicam-kinowa-jakosc-w-niewielkich-rozmiarach>

**General Specification**

<b>Power</b>	DC 12 V (11.0 V - 17.0 V)
<b>Power Consumption</b>	47 W, with body only 77 W, with all optional accessories connected and maximum power supplied from each output terminal
<b>Operating Temperature</b>	0 °C to 40 °C (32°F to 104°F)
<b>Operating Humidity</b>	10% to 85% (relative humidity)
<b>Storage Temperature</b>	-20 °C to 60 °C (-4°F to 140°F)
<b>Weight</b>	Approx. 2.7 kg (6.0 lb), excluding handle and accessories Approx. 3.0kg (6.6 lb), including handle, excluding accessories
<b>Dimensions (W x H x D)</b>	184.0 mm x 230.5 mm x 247.0 mm (7-1/4 inches x 9-3/32 inches x 9-3/4 inches) Body only, excluding protrusion and accessories
<b>Note1</b>	Ensure that the total current taken from the DC OUT terminal, LENS/GRIP terminal, DC OUT/RS terminal and USB HOST terminal does not exceed 30 W.
<b>Camera Unit</b>	
<b>Pickup Devices</b>	Super 35 mm, MOS sensor
<b>Number of Pixels</b>	Total pixels: Approx. 10.3 million pixels, Effective pixels: Approx. 8.9 million pixels
<b>Lens Mount</b>	EF mount
<b>Optical Filter</b>	ND filter: 1: CLEAR, 2: 0.6 ND, 3: 1.2 ND, 4: 1.8 ND
<b>Gain Setting</b>	Native ISO: 800, 5000 800 Base: 200 to 4000 5000 Base: 1250 to 12800 [ISO] mode: ISO200 to ISO12800 [dB] mode: -12 dB to 14 dB (2 dB step)
<b>Shutter Speed</b>	[deg] mode: 1.0 deg to 358 deg (0.1 deg step) [sec] mode: 1/24 sec. to 1/250 sec. (for 24p)
<b>Sensitivity</b>	[GAIN MODE]=[NORMAL], [GAMMA]=[VIDEO45] F7 (2000 lx, 3200k, 89.9% reflection, 1080/59.94p) F8 (2000 lx, 3200k, 89.9% reflection, 1080/50p)
<b>Memory Card Recorder</b>	
<b>Recording Media</b>	Main slot x 1: expressP2 card, P2 card Sub slot x 1: SD memory card
<b>Recording Resolution</b>	4096 x 2160 (4K), 3840 x 2160 (UHD), 2048 x 1080 (2K), 1920 x 1080 (HD)
<b>Recording Frame Rate</b>	4K/UHD: Maximum 60fps or 50 fps 2K/HD: Maximum 240fps or 200 fps
<b>System Frequency</b>	59.94p, 50p, 29.97p, 25p, 24p, 23.98p, 59.94i, 50i
<b>Recording Format (Main Recorder)</b>	AVC-Intra4K422, AVC-Intra4K-LT, AVC-Intra2K444, AVC-Intra2K422, AVC-Intra2K-LT, AVC-Intra444, AVC-Intra422, AVC-Intra-LT, AVC-Intra100, ProRes 422 HQ, ProRes 4444
<b>Recording Format (Sub Recorder)</b>	AVC-LongG6Recording
<b>Video Signal</b>	4096 x 2160/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 3840 x 2160/59.94p, 50p, 29.97p, 25p, 23.98p 2048 x 1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1920 x 1080/59.94p, 50p, 29.97p, 25p, 23.98p, 59.94i, 50i
<b>Recording Time*1 (Main Codec)</b>	When using expressP2 card 512 GB and when [FREQUENCY]= [23.98p] AVC-Intra4K422, 23.98 fps: Approx. 180 min. AVC-Intra4K422, VFR ON, 30 fps: Approx. 146 min. AVC-Intra4K-LT, VFR ON, 60 fps: Approx. 128 min. AVC-Intra422, VFR ON, 60 fps: Approx. 260 min. ProRes 422 HQ VFR ON, 60fps: Approx. 134 min.
<b>Recording Time*1 (Sub Codec)</b>	AVC-LongG6: Approx. 655 min.
<b>Digital Video</b>	

<b>Quantizing</b>	AVC-Intra2K444, AVC-Intra444: 12 bit Others: 10 bit
<b>Video Compression Format</b>	AVC-Intra4K422, AVC-Intra4K-LT, AVC-Intra2K444, AVC-Intra2K422, AVC-Intra2K-LT, AVC-Intra444, AVC-Intra422, AVC-Intra-LT, AVC-Intra100: MPEG-4 AVC/H.264 Intra Profile ProRes 422 HQ, ProRes 4444: Apple ProRes*2
<b>Digital Audio</b>	
<b>Recording Audio Signal</b>	48 kHz/24 bit, 4 ch
<b>Headroom</b>	18 dB/20 dB switchable menu
<b>AVC Proxy</b>	
<b>File Format</b>	MOV
<b>Video Compression Format (AVC Proxy)</b>	MPEG-4 AVC/H.264 Intra Profile
<b>Audio Compression Format</b>	AAC
<b>Recording Time *3</b>	Approx. 655 min. When using a 64 GB SDXC memory card
<b>Video Input/Output</b>	
<b>SDI Out1/SDI Out2</b>	HD (1.5 G)/3G-SDI, 0.8 V[p-p], 75 Ω
<b>VF SDI</b>	HD (1.5 G)/3G-SDI, 0.8 V[p-p], 75 Ω
<b>Audio Input/Output</b>	
<b>Input 1/2</b>	XLR x 1, 5-pin
<b>Input 3/Input 4</b>	XLR x 2, 3-pin, Supports menu switching to select LINE/MIC or enable/disable the power supply of the microphone.
<b>Phones</b>	Stereo mini jack
<b>Speaker</b>	20 mm diameter, round x 1
<b>Other Input/Output</b>	
<b>Genlock In</b>	HD (1.5 G)/3G-SDI, 0.8 V[p-p], 75 Ω
<b>TC In/Out</b>	BNC x 1, Input/Output switching Input: 0.5 V [p-p] to 8 V [p-p], 10 kΩ Output: 2.0 V [p-p] ± 0.5 V[p-p], low impedance
<b>DC In</b>	XLR x 1, 4-pin, DC 12 V (DC 11.0 V - 17.0 V)
<b>DC Out/RS</b>	4-pin, DC 12 V (DC 11.0 V - 17.0 V), maximum output current 1.0 A
<b>DC Out</b>	2-pin, DC12 V (DC 11.0 V - 17.0 V), maximum output current 1.0 A
<b>Lens/Grip</b>	12-pin
<b>LAN</b>	100BASE-TX/10BASE-T
<b>USB (Device)</b>	USB2.0 devices : Type B connector, 4-pin
<b>USB (Host)</b>	USB2.0 host : Type A connector, 4-pin
<b>Control Panel</b>	20-pin, control panel contact terminals
<b>EF Mounting Contact</b>	8-pin
<b>Display Panel</b>	LCD, 3.5-type QHD color monitor, approx. 1.56 million dots
<b>Note2</b>	*1: Figures are for continuous recording as one clips. Depending on the number or clips, the overall recording time may be shorter than the above. *2: ProRes is licensed from Apple Inc. Apple ProRes codec is under license from Atomos. Atomos is a trademark and copyright of Atomos Global Pty. Ltd. *3: Reference value for continuous recording. The recording the may differ depending on the scene or the number of clips.