



Camcorder 4K di fascia alta

VariCam 35

Telecamera da produzione 4K con prestigioso sensore MOS Super 35 mm e doppia impostazione ISO nativa (800 e 5.000)

Key Features

Sensore Super 35 mm con risoluzione 4K nativa che fornisce immagini True 4K con una gamma dinamica di oltre 14 stop per l'acquisizione HDR

Doppia impostazione ISO nativa, 800 e 5.000, che assicura una sensibilità molto superiore senza aumentare il rumore

Registrazione a velocità di fotogrammi variabile da 1 a 120 fps che supporta sia l'overcranking che l'undercranking

Gamma cromatica estesa, superiore a BT2020 - lo spazio colore richiesto per l'erogazione di contenuti HDR

Il design modulare consente di separare il lato frontale dal registratore, tramite un cavo di estensione da 5 m o 20 m



AVC ULTRA

express





VariCam 35

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

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

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)
Temperatura di funzionamento	0°C to 40°C
Operating Humidity	10% to 85% (relative humidity)
Storage Temperature	-20°C to 60°C
Peso	Approx. 5.0kg (Excluding protrusion)
Dimensioni (LxAxP)	179 mm×230.5 mm×347 mm (7-1/16inches x 9-1/16inches x 13 -21/32inches) (Body only, excluding protrusion)

Camera Module (AU-V35C1G)

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

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

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)
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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

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

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

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
Ingresso CC	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.**