



4K Highend-Camcorder

## VariCam 35

4K-Produktionskamera mit preisgekröntem Super 35mm MOS-Sensor und zwei nativen ISO-Einstellungen von 800 und 5000

### Key Features

Nativer 4K Super 35mm Bildsensor liefert echte 4K-Bilder mit einem Dynamikbereich von 14+ Blendenstufen für HDR-Bildaufnahmen

Zwei native ISO-Einstellungen von 800 und 5000 für wesentlich höhere Empfindlichkeit ohne Zunahme des Rauschens

Aufzeichnung mit variabler Bildfrequenz von 1-120 fps ermöglicht Zeitraffer- und Zeitlupenaufnahmen

Weite Farbskala übertrifft den für HDR-Inhaltsbereitstellung erforderlichen BT2020-Farbraum

Modulares Design ermöglicht das Abnehmen und Anschließen des Frontend an den Recorder über ein optionales 5m- oder 20m-Verlängerungskabel



AVC ULTRA

express





## VariCam 35

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

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

<b>Power</b>	DC 12 V(11.0 V – 17.0 V)
<b>Power Consumption</b>	69 W (Body only)
	99 W (with all optional accessories connected and maximum power supplied from each output terminal)
<b>Umgebungstemperatur</b>	0°C to 40°C
<b>Operating Humidity</b>	10% to 85% (relative humidity)
<b>Storage Temperature</b>	-20°C to 60°C
<b>Gewicht</b>	Approx. 5.0kg (Excluding protrusion)
<b>Abmessung (B x H x T)</b>	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)

<b>Pickup Devices</b>	super35 mm MOS 8.9 million pixels
<b>Lens Mount</b>	35 mm PL mount
<b>Optical Filter</b>	ND filter: 1: CLEAR, 2: 0.6 ND 3: 1.2 ND, 4: 1.8 ND
<b>Gain Settings</b>	[ISO] mode: ISO 800 to 12800
	[dB] mode: 0 to 24 dB (3dB step)
<b>Verschlusszeit</b>	[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

<b>Recording Media</b>	expressP2 card, P2 card, microP2 card
<b>Recording Resolution</b>	4096×2160, 3840×2160, 2048×1080, 1920×1080
<b>Recording Framerate</b>	Maximum 4K/UHD 100p/120p, HD 100p/120p
<b>System Frequency</b>	59.94p, 50p, 29.97p, 25p, 24p, 23.98p
<b>Recording Format</b>	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

<b>Recording Video Signal</b>	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

<b>Recording/Playback Time (Main Codec) (when Express P2 Card 256GB is used)*2</b>	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)

<b>Recording/Playback Time (Sub Codec) (when Micro P2 Card 64GB is used)*2</b>	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)

<b>Digital Video</b>	
<b>Quantizing</b>	12bit(AVC-Intra 4K444), 10 bit (Other than AVC-Intra 4K444)
<b>Video Compression Format</b>	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

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

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

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