

## GENERAL

Power Supply:	DC 7.2 V (during battery use) DC 12 V (during AC Adaptor use)
Power Consumption:	21.4 W
Operating Temperature:	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity:	10 % to 80 % (non-condensing)
Storage Temperature:	-20 °C to 50 °C (-4 °F to 122 °F)
Weight:	1.1 kg (2.4 lbs)
Dimensions:	108 mm (W) x 85 mm (H) x 217 mm (D) (4-1/4 inches x 3-3/8 inches x 8-9/16 inches) (Excluding the foot parts and protrusions such as the cap)
Recording Media:	P2 memory cards, microP2 cards*1
Recording Formats:	AVC-Intra200/AVC-Intra100/AVC-Intra50/AVC-LongG50/ AVC-LongG25/AVC-LongG12/DVCPRO HD/DVCPRO50/ DVCPRO/DV formats are selectable.
Proxy:	File Formats: MOV (QuickTime format) Video Compression Formats: H.264/AVC Baseline Profile, H.264/AVC High Profile Audio: AAC-LC, Linear PCM
Video Recording Signals: 720/59.94p,	1080/59.94p, 1080/50p, 1080/59.94i, 1080/50i, 720/50p, 480/59.94i, 576/50i
Audio Recording Signals:	AVC-Intra200/AVC-LongG50/AVC-LongG25: 48 kHz, 24 bit, 4 CH AVC-Intra100/AVC-Intra50: 48 kHz, 24 bit, 4 CH 48 kHz, 16 bit, 4 CH AVC-LongG12: 48 kHz, 16 bit, 4 CH DVCPRO HD: 48 kHz, 16 bit, 4 CH DVCPRO 50: 48 kHz, 16 bit, 4 CH DVCPRO/DV: 48 kHz, 16 bit, 4 CH
Recording Times:	For details, see the "Recording Time" table on page 3.
<b>VIDEO (DIGITAL VIDEO)</b>	
Sampling Frequencies:	AVC-Intra200/AVC-Intra100/AVC-LongG50/AVC-LongG25/ DVCPRO HD: (59.94 Hz) Y: 74.1758 MHz, Pb/Pr: 37.0879 MHz (50 Hz) Y: 74.2500 MHz, Pb/Pr: 37.1250 MHz AVC-Intra100/AVC-LongG25: (1080/59.94p) Y: 148.3516 MHz, Pb/Pr: 74.1758 MHz (1080/50p) Y: 148.5000 MHz, Pb/Pr: 74.2500 MHz DVCPRO50: Y: 13.5 MHz, Pb/Pr: 6.75 MHz DVCPRO: Y: 13.5 MHz, Pb/Pr: 3.375 MHz
Quantization:	AVC-Intra200/AVC-Intra100/AVC-Intra50/AVC-LongG50/ AVC-LongG25: 10 bit AVC-LongG12/DVCPRO HD/DVCPRO50/DVCPRO/DV: 8 bit
Video Compression Methods:	AVC-Intra200/AVC-Intra100/AVC-Intra50: MPEG-4 AVC/H.264 Intra Profile AVC-LongG50/AVC-LongG25/AVC-LongG12: MPEG-4 AVC/H.264 High Profile DVCPRO HD: DV-Based Compression (SMPTE ST 370)
Color Sampling:	AVC-Intra200/AVC-Intra100/AVC-LongG50/AVC-LongG25: Y:Pb:Pr = 4:2:2

Resolution:	AVC-Intra 100/AVC-LongG25/AVC-LongG12: 1920 x 1080 (1080/59.94p, 1080/50p) AVC-Intra200/AVC-Intra100/AVC-LongG50/AVC-LongG25/ AVC-LongG12: 1920 x 1080 (1080/59.94i, 1080/50i) 1280 x 720 (720/59.94p, 720/50p) AVC-Intra50: 1440 x 1080 (1080/59.94i, 1080/50i) 960 x 720 (720/59.94p, 720/50p)
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## VIDEO INPUT

SDI Input:	BNC x 1
HDMI Input:	HDMI x 1 (HDMI TYPE A connector) (VIERA Link not supported, HDCP supported)

## VIDEO OUTPUT

SDI Output:	BNC x 1
HDMI Output*2:	HDMI x 1 (HDMI Type A) (VIERA link not supported)

## AUDIO (DIGITAL AUDIO)

Sampling Frequency:	48 kHz (synchronized with video)
Quantization:	16 bit (AVC-LongG12/DVCPRO HD/DVCPRO50/DVCPRO/DV) 16/24 bit selectable (AVC-Intra 100/AVC-Intra 50) 24 bit (AVC-Intra200/AVC-LongG50/AVC-LongG25)
Headroom:	12/18/20 dB (selectable)
De-emphasis:	T1=50 µs, T2=15 µs (ON/OFF auto select)

## AUDIO INPUT

Analog Inputs (CH1, CH2):	XLR x 2
SDI Input:	BNC x 1
HDMI Input:	2 channels (Linear PCM), 16 bit

## AUDIO OUTPUT

SDI Output:	BNC x 1
Analog Output (monitor (L/R)):	Stereo mini jack (3.5 mm (1/8 inchs) dia.)
Headphone Output:	Stereo mini jack (3.5 mm (1/8 inchs) dia.), variable level
HDMI Output:	2 channels (Linear PCM), 16 bit
Internal Speaker:	Round x 1 (monaural)

## OTHER INPUT/OUTPUT

Time Code Input:	BNC x 1, 0.5 V[p-p] to 8.0 V[p-p], 10 kΩ
LAN:	RJ-45 x 1, 100BASE-TX/10BASE-T
USB HOST:	USB 3.0 Host (Type A) x 1
USB Device:	USB 2.0 Device (Type B) x 1

## INCLUDED ACCESSORIES

Battery pack, AC adaptor/AC cable, Battery charger/AC cable
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\*1: The production of microP2 cards have been discontinued. When recording to SD memory cards in P2 format, please use SDXC memory cards with video speed class V90 or faster. Please use the latest version of the recorder software.

\*2: When "VIDEO" - "INPUT SEL" is set to "HDMI", video, audio, and other signals from the HDMI output connector will not be output.

Weight and dimensions are approximate. Specifications are subject to change without notice.