

Specifications

PXW-X400/PXW-X400KC/PXW-X400KF ¹	
General	
Mass	Approx. 3.6 kg (body only without lens, V _F , Mic) Approx. 7 lb 15 oz (body only without lens, V _F , Mic)
Dimensions (W x H x D)	150 x 269 x 332 mm (excluding protrusions, body only) 6 x 10 5/8 x 13 1/8 in (excluding protrusions, body only)
Power Requirements	DC 12 V (11 V to 17.0 V)
Power Consumption	Approx. 22 W (while XAVC recording, color LCD on) Approx. 24 W (while XAVC recording, CBK-VF02 viewfinder and color LCD on)
Operating Temperature	0° C to 40° C (32° F to 104° F)
Storage Temperature	-20° C to +60° C (-4° F to +140° F)
Continuous Operating Time	Approx. 240 min with BP-GL95
Camera Section	
Imager	3-chip 2/3-type "Exmor" Full HD CMOS
Effective Picture Elements	1920 (H) x 1080 (V)
Optical System	F1.4 prism system
Built-in Optical Filters	1: Clear, 2: 1/4ND, 3: 1/16ND, 4: 1/64ND
Shutter Speed (Time)	1/60 sec to 1/2,000 sec + ECS (Extended Clear Scan)
Shutter Speed (Slow Shutter (SLS))	2, 3, 4, 5, 6, 7, 8, 16-frame accumulation
Slow & Quick Motion	720p: Frame rate selectable from 1 fps to 60 fps 1080p: Frame rate selectable from 1 fps to 60 fps
Sensitivity (2000 lx, 89.9% reflectance)	F12 (typical) (1920 x 1080/59.94i mode)
Minimum Illumination	F13 (typical) (1920 x 1080/50i mode)
White Balance	0.013 lx (typical) (1920 x 1080/59.94i mode, F1.9, +42 dB gain, with 64-frame accumulation)
Gain Selection	Preset (3200K), Memory A, Memory B/ATW -3, 0, 3, 6, 9, 12, 18, 24, 30, 36, 42 dB
S/N Ratio	62 dB (V) (Noise Suppression On)
Horizontal Resolution	1,000 TV lines or higher (1920 x 1080i mode)
Digital Extender	x2, x3, x4
Audio	
Frequency Response	20 Hz to 20 kHz (+3 dB or less)
Dynamic Range	90 dB (typical)
Distortion	0.08% or lower (-40 dBu input level)
Headroom	20 dB (factory default) (20, 18, 16, 12 dB), EBUS
Recording format (Video)	
XAVC Intra (XAVC-I mode):	- 1920 × 1080: 59.94i, 50i, 29.97p, 25p, 23.98p - 1280 × 720: 59.94p, 50p
XAVC Long (XAVC-L 50 mode):	- 1920 × 1080: 59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p - 1280 × 720: 59.94p, 50p
XAVC Long (XAVC-L 35 mode):	- 1920 × 1080: 59.94p, 50p, 59.94i, 50i, 29.97p, 25p, 23.98p
XAVC Long (XAVC-L 25 mode):	- 1920 × 1080: 59.94i, 50i
MPEG HD422:	- 1920 × 1080: 59.94i, 50i, 29.97p, 25p, 23.98p - 1280 × 720: 59.94p, 50p, 29.97p, 25p, 23.98p
MPEG HD420:	- 1920 × 1080: 59.94i, 50i, 29.97p, 25p, 23.98p - 1440 × 1080: 59.94i, 50i - 1280 × 720: 59.94p, 50p
MPEG IMX:	- 720 × 486: 59.94i - 720 × 576: 50i
DVCAM:	- 720 × 480: 59.94i - 720 × 576: 50i
Recording Format (Audio)	
XAVC Intra:	LPCM 24 bits, 48 kHz, 4 channels
XAVC Long:	LPCM 24 bits, 48 kHz, 4 channels
MPEG HD422:	LPCM 24 bits, 48 kHz, 4 channels
MPEG HD:	LPCM 16 bits, 48 kHz, 4 channels
MPEG IMX:	LPCM 16/24 bits, 48 kHz, 4 channels ²
DVCAM:	LPCM 16 bits, 48 kHz, 4 channels
Recording Format (Proxy Video)	
XAVC Proxy:	AVC/H.264 Main Profile 4:2:0 Long GOP, VBR 1280 × 720, 9 Mbps (Target Rate) 1280 × 720, 6 Mbps (Target Rate) 640 × 360, 3 Mbps (Target Rate) 480 × 270, 1 Mbps, 500 kbps (Target Rate)
Recording Format (Proxy Audio)	
XAVC Proxy:	AAC-LC, 128 kbps, 2 channels
Input/Output	
Genlock Input	BNC (x1), 1.0 Vp-p, 75 Ω, unbalanced
Timecode Input	BNC (x1), 0.5 V to 18 Vp-p, 10 kΩ
SDI Input	SMPT-E ST292/ST259 standard compliant, 4-channel audio 1.5G Poolfeed Recording (upto 1080 59.94i)
Audio Input	CH1/CH2: XLR-type 3-pin (female) (x2), Line/Mic/Mic/+48V selectable LINE: +4, 0, -3 dBu AES/EBU: AES3 compliant MIC: -70 dBu to -30 dBu

PXW-X400/PXW-X400KC/PXW-X400KF ¹	
Mic Input	XLR-type 5-pin, female: -70 dBu to -30 dBu
WRR (Wireless Microphone Receiver)	D-sub 15-pin Analog CH1: -40 dBu Digital CH1/CH2: -40 dBFS
SDI Output	Output 1/2: BNC (x2), 0.8 Vp-p, unbalanced, 3G HD/1.5G HD/SD selectable, SMPTE ST424/ST425 Level-A/B, ST292/ST259 standard compliant, 4-channel audio
Video Output	BNC, SD analog composite/HD-Y selectable
Audio Output	XLR-type 5-pin, male, +4/0/-3 dBu (balanced)
Timecode Output	BNC, 1.0 Vp-p, 75 Ω
Earphone Output	Stereo mini jack (x1) -11 dBu reference level output, maximum monitor volume, 16 Ω load
Speaker Output	Monaural, 300 mW output
DC Input	XLR-type 4-pin, male, 11 V to 17 V DC
DC Output	Round type 4-pin, 11 V to 17 V DC, 1.8 A maximum rated current
Lens	12-pin, lens power source (11 V to 17 V DC, 1.0 A maximum rated current)
Remote	8-pin
Light	2-pin
Camera Adaptor	D-sub, 50-pin (x1)
Ethernet	RJ-45 (x1), 100BASE-TX: IEEE 802.3u, 10BASE-T: IEEE 802.3
USB	USB 3.0/2.0 4-pin (type A), USB2.0 4-pin (type B), USB2.0 4-pin (type-A)
HDMI	A type, 19-pin (x1)
Viewfinder	20-pin IF for HDVF Series Viewfinder, and 26-pin IF for CBK-VF02, HDVF-L750
Monitoring	
Viewfinder	PXW-X400: Option PXW-X400KC/PXW-X400KF: 3.5-inch ³ type color LCD monitor: 960 (H) x 540 (V), Quarter HD Size ⁴
Built-in LCD Monitor	Color LCD, Screen size: 8.8 cm (3.5 inch) diagonal, Aspect ratio: 16:9, Number of pixels: 960 (H) x 540 (V) for Video display, Audio level, TC, battery and media remaining capacity
Other Functions	
Built-in Speaker	(x1)
Media SxS Card Slots	Form factor: Express Card/34, Number of slots: 2, Connector: PCMCIA Express Card compliant, Write rate: 50 Mbps or higher, Read rate: 50 Mbps or higher
Media SD Card Slots	Proxy (1), Utility (1)
GPS	Yes
Built-in Network Module	Yes
NFC ³	Yes
Media	
High resolution Video/Audio	SxS card XQD card (with XQD ExpressCard Adapter, QDA-EX1) SDXC card (with XQD ExpressCard Adapter, MEAD-SD02)
Proxy Video/Audio and Utility	SDXC/SDHC
Supplied Accessories	
PXW-X400KC/PXW-400KF only:	Shoulder strap (1) Cold shoe kit (1) Operation Guide (1) Operation Manual (CD-ROM) (1) USB wireless LAN module (IFU-WLM3) (1) Viewfinder (1) Stereo microphone (1) Wind-screen (1) Lens mount cap (1) Flange back adjustment chart (1) PXW-X400KC: Manual focus lens (1) PXW-X400KF: Auto focus lens (1)

¹: PXW-X400KF Auto focus capability will be available in June, 2016.

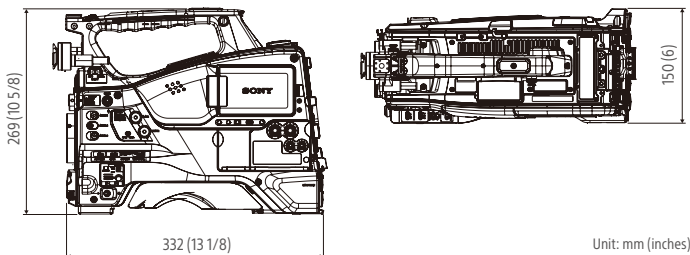
²: Viewable area, measured diagonally.

³: NFC (Near Field Communication) will be supported with future firmware upgrading.

⁴: Equivalent to CBK-VF02.

	PXW-X400KC	PXW-X400KF
Lens		
Lens Mount	Sony 2/3-inch type bayonet mount	Sony 2/3-inch type bayonet mount
Zoom Ratio	20x (optical), servo/manual (AF lens for PXW-X400KC)	16x (optical), servo/manual (AF lens for PXW-X400KF)
Focal Length	f = 8.2 - 164 mm (35mm equivalent: f=xx.x - xxx mm)	f = 8 - 128 mm (35mm equivalent: f=31.5 - 503 mm)
Iris	F1.9 to F16 and Close, Auto/Manual selectable	F1.9 to F16 and Close, Auto/Manual selectable
Focus Range	AF/MF/Full MF selectable 900 mm to ∞ (MACRO OFF) 10 mm to ∞ (MACRO ON, Wide)	AF/MF/Full MF selectable 800 mm to ∞ (MACRO OFF) 50 mm to ∞ (MACRO ON, Wide)
Filter Diameter	M82 mm, pitch 0.75 mm (on lens)	M82 mm, pitch 0.75 mm (on lens)

Dimensions



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Features and specifications are subject to change without notice.

The values for mass and dimension are approximate.

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