



PXWFS5K

4K XDCAM Super35 handheld w/Lens

A handheld camera should be able to get you into tight places. To work in your lap. To move with the talent. To shoot high and low angles with equal agility. And a handheld camera should function beautifully against your chest or shoulder, comfortably steadied by your right hand with all the controls at your fingertips. Sony's extraordinary PXW-FS5 does all of this, and more.

Highlights:

- **Ultimate mobility:** The FS5 is a radical re-imagining of the FS7 for unsurpassed on the go shooting in the most demanding of conditions. With a body-only weight less than half the FS7 at 1lb 13.2oz, you can shoot almost anywhere. Handheld operation is simply exceptional as the superbly balanced chassis is easily configured to shoot from high to low angles thanks to a flexible, rotatable grip and a LCD viewfinder that can be mounted in no less than nine locations. And as you'd expect from Sony, to provide complete control over lighting in fast moving situations, we invented the first built-in Variable ND Filter for a Super 35mm camcorder.
- **Handheld 4K at 100Mbps:** When quality is everything, make the most of the FS5's Super35 Exmor sensor and shoot 100Mbps QFHD (3840 x 2160) using Sony's advanced XAVC (Long GOP) recording system. In the future, there will even be the option to record RAW externally (details to be announced). If you need a fast turnaround, switch to Full-HD (1920x1080) recording at up to 60p XAVC 10bit 4:2:2 50Mbps. The FS5 has the flexibility to suit how you need to work, today and tomorrow.
- **240fps slow motion:** High Frame Rate shots can turn everyday actions into slow-motion ballet and the FS5 delivers a stunning 240 frames per second

- **Adaptable design:** When you're in the field, you don't want to lose time or miss any opportunity. The FS5 allows you to quickly add or remove components such as the grip and LCD viewfinder without special tools, while standard 1/4-inch screw holes support mounting on a drone, gimbal or in a underwater housing.
- **α mount flexibility:** Sony's α mount lens system offers unsurpassed compatibility with both Sony and third-party lenses. The FS5's E-mount can take Cinema lenses and SLR lenses with a third party adaptor, as well as Sony's E-mount and A-mount lenses. So whether buying new lenses, or making use of lenses you've already purchased, the FS5 makes it easy. You can also purchase the FS5 on its own (PXW-FS5) or with lens (PXW-FS5K). Weighing only 15oz, the SELP18105G is an ideal partner for the FS5 delivering stunning imagery with a 6x power zoom which is easily adjusted by a zoom lever on the camera's grip and handle. Maximum aperture is a constant F4 from 18mm to 105mm, with excellent resolution and contrast throughout. A lever and ring on the lens barrel allow zoom speed to be freely adjusted as required while maintaining a sure, stable grip. SELP18105G is supplied as standard with PXW-FS5K.

(fps) in Full HD XAVC 10bit 4:2:2. If your project plays at the cinematic 24p, you get beautiful 10x Super Slow Motion. There's no sacrifice in bit depth and no "windowing" of the sensor. So there's no crop factor, no loss in angle of view. Please refer to camera specifications for more information.

General Specifications

Detail:

Battery Operating Time

With battery pack BP-U90: approx. 6 hours, 50 minutes. (While recording with LCD On, EVF Off when the external device connector is not used.)
 With battery pack BP-U60: approx. 4 hours, 20 minutes. (While recording with LCD On, EVF Off when the external device connector is not used.) With battery pack BP-U30: approx. 2 hours, 10 minutes (While recording with LCD On, EVF Off when

	the external device connector is not used.)
Dimensions (W x H x D)	Approx. 4 1/2 x 5 1/8 x 6 7/8 inches (Body only including the projecting parts) Approx. 7 3/8 x 8 5/8 x 14 5/8 inches (with SELP18105G and lens hood[optional], large eyecup, LCD viewfinder, handle, grip w/o grip belt and the projecting parts)
Mass	Approx. 1lb 13.2 oz (Body only) Approx. 4lb 14.5 oz (with SELP18105G and lens hood[optional], battery pack BP-U30, large eyecup, LCD viewfinder, handle, grip w/o gripbelt)
Operating Temperature	32°F to 104°F
Power Consumption	Approx. 11.5W (while recording with LCD Off, EVF On when the external device connector is not used.) Approx. 12.3W (while recording with LCD On, EVF On when the external device connector is used.)
Power Requirements	DC 14.4V (battery pack) DC 12.0V (AC adaptor)
Recording Format	Video: XAVC QFHD : MPEG-4 AVC/H.264 4:2:0 Long profile Video: XAVC HD : MPEG-4 AVC/H.264 4:2:2 Long profile Video: AVCHD : MPEG-4 AVC/H.264 AVCHD 2.0 format compatible Audio:AVC : Linear PCM 2ch, 24bit, 48kHz Audio: AVCHD : Linear PCM 2ch, 16bit, 48kHz / Dolby Digital 2ch, 16bit, 48kHz
Recording Frame Rate	XAVC QFHD (3840 x 2160) @29.97p, 25p, 23.98p 100Mbps/60Mbps XAVC HD (1920 x 1080) @59.94p, 50p, 50Mbps/35Mbps XAVC HD (1920 x 1080)@59.94i, 50i, 50Mbps/35Mbps/25Mbps XAVC HD (1920 x 1080)@29.97p, 25p, 23.98p, 50Mbps/35Mbps XAVC HD (1280 x 720)@59.94p, 50p, 50Mbps AVCHD (1920 x 1080)@59.94p, 50p, PS mode(28Mbps) AVCHD (1920 x 1080) @59.94i/50i/29.97p/25p/23.98p,

	FX mode (24Mbps) FH mode(17Mbps) AVCHD (1280 x 720)@59.94p, 50p, FX mode(24Mbps) FH mode(17Mbps) HQ mode(9Mbps)
Recording/Play back Time	XAVC-L QFHD 100 mode Approx. 65 min with 64 GB memory card XAVC-L QFHD 60 mode Approx. 100 min with 64 GB memory card XAVC-L HD 50 mode Approx. 120 min with 64 GB memory card XAVC-L HD 35 mode Approx. 170 min with 64 GB memory card XAVC-L HD 25 mode Approx. 220 min with 64 GB memory card AVCHD@LPCM 2ch PS Mode Approx. 290 min with 64 GB memory card Approx. 145 min with 32 GB memory card AVCHD@LPCM 2ch FX Mode Approx. 340 min with 64 GB memory card Approx. 170 min with 32 GB memory card AVCHD@LPCM 2ch FH Mode Approx. 450 min with 64 GB memory card Approx. 225 min with 32 GB memory card AVCHD@LPCM 2ch HQ Mode Approx. 590 min with 64 GB memory card Approx. 290 min with 32 GB memory card
Storage Temperature	-4°F to +140°F
Inputs/Outputs Specifications	Detail:
Audio Input	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable
Audio Output	Integrated into Multi/Micro USB jack
DC Input	DC jack
DC Output	No
EXT 50-pin	No
HDMI Output	HDMI connector (Type A)

Headphone Output	Stereo mini mini jack (x1)
Remote	Stereo mini-minijack (Φ2.5 mm)
SDI Output	BNC type (x1), SD/HD/3G(Level-B) selectable SMTPE 259M/292M/424M/425M standards
Speaker Output	Monaural
USB	Multi/Micro USB jack (x1)
Video Output	Integrated into Multi/Micro USB jack Composite 1.0Vp-p, 75Ω
i.LINK	No
Lens Specifications Detail:	
Lens Mount	E-mount
Monitoring Specifications Detail:	
Built-in LCD Monitor	3.5 inch type Approx. 1.56M dots
Viewfinder	0.39 inch type OLED Approx. 1.44M dots
Supplied Accessories	
Model:	Description: U.S. List Price:
	Handle (1)
	Grip Remote (1)
	LCD viewfinder (1)

Accessory shoe kit (accessory shoe (1), accessory shoe plate (1), screws (4))

USB cable (1)

AC adaptor (1) (AC-UES1230)

Power cord (qty is different for countries)

Wireless remote commander (1) (RMT-845)

LCD Protector (1)

CD-ROM "Manuals for Solid-State Memory Camcorder" (1)

Operating Guide (2)

BP-U30 battery pack (1)

BC-U1 battery charger (1)

E-mount G lens SELP18105G (1)

Optional Accessories

Model:	Description:	U.S. List Price:	
CBKZFS5RIF	PXW-FS5 FS RAW Output Upgrade License	\$599.00	Get details

Brochure

Description:	Release Date:	Type/Size:	
XDCAM/NXCAM Camcorder Family Brochure		pdf / 4,882K	Download now
The Latest Firmware Update Information		pdf / 445K	Download now

Software

Firmware Version	Firmware Description	Release Notes	
4.00	PXW-FS5 Firmware V4.00	Get details	Download Software
3.00	PXW-FS5 Firmware V3.00	Get details	Download Software
2.00	PXW-FS5 Firmware V2.00	Get details	Download Software