

PXW-Z200

1.0-type Exmor RS™ stacked CMOS sensor handheld XDCAM camcorder with 20x optical zoom, XAVC 4K, AI-powered Subject Recognition AF, Instant HDR Workflow and 12G-SDI



Specifications

General

Camera Type Solid-state memory camcorder

Mass (Main Body Only) Approx. 1960 g (4 lb 5.1 oz.)

Mass (Including Supplied Accessories and Battery) Approx. 2400 g (5 lb 4.7 oz.) *1

Dimensions (W x H x D) Approx. 175.6 x 201.3 x 371.1 mm (7 inch x 8 inch x 14 5/8 inch)

Battery BP-U35, BP-U70, BP-U100

Battery Yes (Available with USB Type-C Terminal. USB Power Delivery compatible)

Power Requirements DC 19.5 V

Normal Power Consumption	Approx. 20 W
Maximum Power Consumption	Approx. 37 W
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-20 to 60 °C (-4 to 140 °F)
Battery Operating Time (Continuous Shooting)	90 minutes ^{*2}
Recording Format (Video)	XAVC S: MPEG-4 AVC / H.264 XAVC HS: MPEG-H HEVC / H.265 MPEG HD422 ^{*10}

Lens

Zoom Ratio	20x
Focal Length	f=7.71-154.21 mm
Focal Length (35mm Format Equivalent)	24-480 mm
Iris (Maximum Apertures)	F2.8-F4.5

Focus Range (From the front of the Lens)	Approx. 1 cm (0.03 ft) to ∞ (wide) Approx. 100 cm (3 ft) to ∞ (telephoto)
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Filter Diameter	72 mm
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Camera Section

Imaging Device (Type)	1.0-type (13.2 mm x 8.8 mm) Exmor RS CMOS sensor
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Number of Pixels (Total)	Approx. 20.9 megapixels
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Number of Pixels (Effective)	Approx. 14.0 megapixels max.* ³
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Built-in ND Filter	Linear variable ND (1/4 ND - 1/128 ND)
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Minimum Illumination	1.2 lx (typ)* ⁴
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RAW Output	-
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Optical Low Pass Filter	Yes
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Shutter Type	Electronic shutter
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Shutter Speed	1/8000 sec to 64F
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Slow & Quick Motion (S&Q)	Yes
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White Balance	2000 K - 15000 K
Gain	-3 to 36 dB (Every 1 dB)
Base Look	S-Cinetone, ITU709, 709tone, s709, 709(800%), S-Log3, HLG (Live / Mild / Natural)
Image Stabilization (Type)	Lens-shift mechanism and electronic
Image Stabilization (Mode)	Active / Standard / Off
Lens Compensation	Peripheral Shading, Chromatic Aberration, Distortion
ISO Sensitivity	ISO 250-16000 equivalent (Using SDR Reset look), AUTO (ISO 250-16000, selectable lower limit and upper limit)
Focus Type	Fast Hybrid AF (Phase-detection AF / contrast-detection AF)
Focus Point	Max. 475 points (Phase-detection AF)
Focus Recognition Target	Human
Other Focus Features	AF Subj. Shift Sensitivity, AF Transition Speed, AF Assist

Proxy Recording	Yes
Clear Image Zoom	Approx. 1.5x (4K), approx. 2x (HD)

Interface

Audio Input	3.5 mm Stereo minijack, XLR 3-pin (Female) x2
Multi Interface Shoe	Yes (With Digital Audio Interface)
Built-In Microphone	Built-in, stereo
Headphone Terminal	Yes (3.5 mm Stereo minijack)
Built-In Speaker	Built-in, monaural
Recording System (Audio)	LPCM 4ch (48 kHz 24 bit)
SDI Output	BNC, 12G-SDI, 6G-SDI, 3G-SDI (Level A / B), HD-SDI
HDMI Output	HDMI connector (Type-A)
TC / UB	Yes
Timecode Input / Output	BNC, TC IN/OUT Switchable
Genlock Input	-

Multi / Micro USB Terminal	-
USB Terminal	Yes (SuperSpeed USB 5 Gbps (USB 3.2) compatible)
DC Input	Yes
Remote	Yes (2.5 mm Stereo mini-mini jack)
Remote (Wireless)	Yes (Bluetooth remote control)
Wired LAN	Yes (1000BASE-T, 100BASE-TX, 10BASE-T)
Wireless LAN (Built-In)	Yes (Wi-Fi Compatible, IEEE 802.11a / b / g / n / ac (2.4 GHz band / 5 GHz band)) *6
PC Interface	Mass-storage / MTP
Other Function	FTP Transfer Func. (Wired LAN (USB-LAN), USB Tethering, Wi-Fi)

Monitoring

Type (Viewfinder)	1.0 cm (0.39-type) electronic viewfinder (XGA OLED)
Number of Dots (Viewfinder)	2 359 296 dots

Magnification (Viewfinder)	Approx. 1.07x ^{*7} with 50 mm lens at infinity, -1 m ⁻¹
Diopter Adjustment (Viewfinder)	-4.0 to +3.0 m ⁻¹
Eye Point (Viewfinder)	Approx. 22 mm from the eyepiece lens, at -1 m ⁻¹ *8
Finder Frame Rate Selection (Viewfinder)	-
Type (LCD Screen)	8.8 cm (3.5-type) type TFT
Touch Panel (LCD Screen)	Yes
Number of Dots (Total) (LCD Screen)	2 764 800 dots

Media

Type	SLOT A: Multi slot for SD (UHS-I / II compliant) memory card / CFexpress Type A card SLOT B: Multi slot for SD (UHS-I / II compliant) memory card / CFexpress Type A card
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NFC

NFC -

Streaming

Protocols RTMP, RTMPS, SRT

Video Data Format MPEG-4 AVC / H.264
MPEG-H HEVC / H.265

Video Resolution 3840 x 2160 (Using RTMP / RTMPS),
1920 x 1080, 1280 x 720

Audio Data Format AAC-LC 2ch (16bit 48 kHz)

Accessibility

Accessibility Functions Enlarge Screen, Screen Reader

Accessory

Supplied Accessory AC adaptor, Power cord, Battery charger, Rechargeable Battery, LCD hood, Lens hood, Eyecup, Microphone holder, Cold shoe kit

Notes

*1 When attaching lens hood, LCD hood, microphone holder, eyecup

and BP-U35.

*2	Using BP-U35, normal power consumption.
*3	The number of effective pixels will vary depending on the shooting mode and settings.
*4	3840 x 2160 / 29.97p mode, F2.8, +36 dB gain, SS=1/30 (sec), BaseLook=ITU709.
*6	The model shipped to countries with legal restrictions on 5 GHz band communication does not support 5 GHz communication. Please check the regulations in your country or region.
*7	35 mm camera equivalent.
*8	CIPA standard.
*9	Design and specifications are subject to change without notice.
*10	Licence Required

Related products



HXR-NX800

1.0-type Exmor RS™ stacked CMOS sensor handheld NXCAM camcorder with 20x optical zoom, XAVC 4K, AI-powered Subject Recognition AF, Instant HDR Workflow



CBKZ-SLMP

MPEG HD Upgrade



PDT-FP1

Portable data transmitter with 5G, mmwave and sub6 for high-speed transmission of video and still images



CBK-RPU7

HEVC 4K/HD remote production unit



UWP-D27

UWP-D complete wireless audio package with seamless Sony cameras integration.

Gallery

