

Specifications

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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 °F to 104 °F)
Storage Temperature	-20 to 60 °C (-4 °F to 140 °F)
Battery Operating	90 minutes ^{*2}

**Time
(Continuous
Shooting)**

Recording Format (Video)	XAVC S: MPEG-4 AVC / H.264 XAVC HS: MPEG-H HEVC / H.265
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Lens

Zoom Ratio	20x
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Focal Length	f=7.71-154.21 mm
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Focal Length (35mm Format Equivalent)	24-480 mm
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Iris	F2.8-F4.5
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Focus Range (from the front of the Lens)	Approx. 10 mm to ∞
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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
Shutter Type	Electronic shutter
Shutter Speed	1/8000 sec to 64F
Slow & Quick Motion (S&Q)	Yes
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
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Multi Interface Shoe	Yes (With Digital Audio Interface)
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Built-In Microphone	Built-in, stereo
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Headphone Terminal	Yes (3.5 mm Stereo minijack)
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Built-In Speaker	Built-in, monaural
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Recording System (Audio)	LPCM 4ch (48 kHz 24 bit)
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SDI Output	BNC, 12G-SDI, 6G-SDI, 3G-SDI (Level A / B), HD-SDI
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HDMI Output	HDMI connector (Type-A)
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TC / UB	Yes
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Timecode Input / Output	BNC, TC IN/OUT Switchable
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Genlock Input	-
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Multi / Micro USB Terminal	-
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USB Terminal	Yes (SuperSpeed USB 5 Gbps (USB 3.2) compatible)
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DC Input	Yes
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Remote	Yes (2.5 mm Stereo mini-mini jack)
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Remote (Wireless)	Yes (Bluetooth remote control)
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Wired LAN	Yes (1000BASE-T, 100BASE-TX, 10BASE-T)
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Wireless LAN (Built-In)	Yes (Wi-Fi Compatible, IEEE 802.11a / b / g / n / ac (2.4 GHz band / 5 GHz band)) ^{*5 *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}
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

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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