



Technical Information

Camera Section

Imaging device: 3-chip 1/3-inch type Exmor CMOS
Effective picture elements: Approx. 1,037,000 pixels
Built-in optical filters: Clear, 1/4, 1/16, 1/64
Minim. Illumination: 1.5 lx(auto gain, auto iris, 1/25 shutter)
Shutter speed: Auto, Manual. 50i/50p/25p: 1/3–1/10000 sec.
Slow Shutter (SLS): 1/4, 1/8, 1/15, 1/30 sec.
Slow & Quick Motion function: To 200 fields per second improved Smooth Slow Record * The picture resolution is reduced.
White balance: Auto, one-push auto (A/B positions), indoor (3200 K), outdoor (selectable level -7 to +7, approx. 500K/step), manual WB Temp (selectable 2300K to 15000K, 100K/step)
Gain: -6, -3, 0, 3, 6, 9, 12, 15, 18, 21 dB, AGC
Lens
Zoom ratio: Sony G Lens, 20x (optical), 1.5x Digital Extender
Focal length: f = 4.1 to 82.0 mm (equivalent to f = 29.5 to 590 mm at 16:9 mode, f = 36.1 to 722 mm at 4:3 mode on 35 mm lens)
Focus: AF/MF selectable, 800 mm to ∞ (MACRO OFF), 10 mm to ∞ (MACRO ON, Wide), 800 mm to ∞ (MACRO ON, Tele)
Image stabiliser: ON/OFF selectable, shift lens
Filter diameter: 72 mm

Technical Information

VTR Section

Recording Format
HD Video
MPEG-4 AVC/H.264 (AVCHD)
Recording Format
SD Video
MPEG-2 PS
Recording Format HD Audio
Linear PCM 2ch, 16bit, 48kHz / Dolby Digital 2ch, 16bit, 48kHz
Recording Format SD Audio
Dolby Digital 2ch, 16bit, 48kHz
Recording frame rate:
AVCHD FX (24Mbps) 1920x1080/50i, AVCHD FH (17Mbps) 1920x1080/50i,
AVCHD HQ (9Mbps) 1440x1080/50i, AVCHD LP (5Mbps) 1440x1080/50i,
AVCHD FX (24Mbps) 1920x1080/25p, AVCHD FH (17Mbps) 1920x1080/25p,
AVCHD FX (24Mbps) 1280x720/50p, AVCHD FH (17Mbps) 1280x720/50p,
MPEG SD HQ (9Mbps) 720x576/50i, MPEG SD HQ (9Mbps) 720x576/50i (25p Scan)
Monitoring
Viewfinder 0.45 inch-type approx. 1,226,880 dots (852 x 3[RGB] x 480), 16:9 aspect ratio
Built-in LCD monitor 3.2 inch-type, XtraFine LCD, approx. 921,600 dots, hybrid type, 16.9 aspect ratio

Disclaimer: Changes in the data may have been made by the manufacturer without notice.

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Technical Information

Audio

Built-in microphone Stereo microphone

Media

Types Memory Stick PRO Duo (Mark2), Memory Stick

PRO-HG Duo, Memory Stick

PRO-HG Duo HX, SDHC Card

Inputs/Outputs

Audio input XLR 3-pin (female) (x2), line/mic/mic +48 V selectable

Composite output RC Type (x1)

S-Video output N/A (optional VMC-15FS is required)

Audio output RCA type (CH-1, CH-2)

Component output RCA Type (x3) via A/V multi connector

SDI output BNC (x1), HD-SDI/SD-SDI selectable

USB USB device, Mini-B (x1)

Headphone output Stereo mini jack (x1)

Speaker output Monaural

DC input Power cord

Remote Remote

HDMI output HDMI connector (x1)

General

Mass (w/ Lens hood with Lens cover) 2.2 kg (4 lb 15 oz)

Dimension (W x H x D): (Lens hood with Lens cover) 173 x 187 x 342 mm (6 7/8 x 7 3/8 x 13 1/2 inch)

Power Requirements: (AC adaptor /Battery) 8.4V / 7.2V

Operating temperature: 0 to +40 deg C (+32 to +104 deg F)

Storage temperature: 20 to +60 deg C (-4 to +140 deg F)

Battery operating time: 385 min

Product Information

•Sony's exclusive High-performance G Lens

The "G Lens" provides great picture quality and versatility with a wide angle of 29.5 mm (equivalent to 35 mm film) and a 20x high quality zoom

•Natural-touch Lens Operation

The iris ring, located next to the zoom ring allows users to adjust exposure with great precision.

•Three Neutral Density Filters

•The HXR-NX5E is equipped with three built-in ND (Neutral Density) filters – 1/4, 1/16, 1/64 – which help to vary the depth of field with iris control.

•Three 1/3" Exmor™ CMOS Sensors with ClearVid array

•Three state-of-the-art 1/3" Exmor™ CMOS sensors with a ClearVid array ensure high resolution, high sensitivity, a wide dynamic range, and excellent colour reproduction.

•Exmor™ Technology Noise Reduction System

•ClearVid Array for Higher Sensitivity and Resolution

•AVCHD - Ideal for Memory Recording

•Relay Record with Dual Memory Slots

•Hybrid Recording with Optional Flash Memory Unit

•MPEG-2 for Standard Definition Recording

•Loss-less Audio Recording Capability

•Active SteadyShot

•Built-in GPS

•Easy Operation with Touch Panel and Buttons

•XtraFine™ Electronic View Finder

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