

General

CAMERA TYPE
Digital camera

Lens

CREATIVE LOOK
F1.8 - F4.0

LENS COMPATIBILITY
f = 6.9–17.6 mm

LENS COMPATIBILITY
18–50 mm

LENS COMPATIBILITY
Approx. 1.97 in (5 cm) to infinity

Camera Section

SENSOR TYPE
1.0-type (13.2 mm x 8.8 mm) Exmor RS CMOS sensor

NUMBER OF PIXELS (EFFECTIVE)
Still images: Approx. 20.1 megapixels, Movies: Approx. 16.8 megapixels max. ²¹

NUMBER OF PIXELS (TOTAL)
Approx. 21.0 megapixels

BATTERY LIFE (STILL IMAGES)
ND (1/8 ND)

COLOR TEMPERATURE RANGE
2500 K–9900 K

Recording (still images)

RECORDING FORMAT
JPEG (DCF Ver. 2.0, Exif Ver. 2.32, MPF Baseline compliant), RAW (Sony ARW 4.0 format)

IMAGE SIZE (PIXELS) [3:2]
1.0-type L: 5472 x 3648 (20 M), M: 3888 x 2592 (10 M), S: 2736 x 1824 (5.0 M)

IMAGE QUALITY MODES
RAW, RAW+JPEG, JPEG

Recording (movie)

VIDEO COMPRESSION
XAVC S: MPEG-4 AVC/H.264

AUDIO RECORDING FORMAT
LPCM 2ch (48 kHz 16 bit)

Recording system (Movie)

MOVIE RECORDING SYSTEM (XAVC S 4K)
29.97p (100 Mbps / 60 Mbps), 25p (100 Mbps / 60 Mbps), 23.98p (100 Mbps / 60 Mbps)

MOVIE RECORDING SYSTEM (XAVC S HD)
119.88p (100 Mbps / 60 Mbps), 59.94p (50 Mbps / 25 Mbps), 29.97p (50 Mbps / 16 Mbps), 23.98p (50 Mbps), 100p (100 Mbps / 60 Mbps), 50p (50 Mbps / 25 Mbps), 25p (50 Mbps / 16 Mbps)

Movie Functions

SLOW AND QUICK MOTION (SHOOTING FRAME RATE)
Yes

PROXY RECORDING
Yes

TC/UB
Yes

Recording System

MEMORY CARD SLOT

Multi slot for Memory Stick™ Duo/SD memory card

Focus System

FOCUS TYPE

Fast Hybrid AF (phase-detection AF / contrast-detection AF)

FOCUS POINT

Still images: Max. 315 points (phase-detection AF), Movies: Max. 273 points (phase-detection AF)

FOCUS TYPE

Human, Animal

FOCUS TYPE

Human, Animal

OTHER FEATURES

AF Subj. Shift Sensitivity (Movie), AF Transition Speed (Movie), Circ. of Focus Point

Exposure Control

METERING TYPE

1200-zone evaluative metering

METERING SENSITIVITY

EV0 to EV24 (ISO 100 equivalent)

EXPOSURE COMPENSATION

+/- 3.0 EV (1/3 EV steps)

ISO SENSITIVITY

Still images: ISO 125–12800 (expandable to ISO 80–12800), AUTO (ISO 125–12800, selectable lower limit and upper limit), Movies: ISO 125–12800 equivalent, AUTO (ISO 125–12800, selectable lower limit and upper limit)

ANTI-FLICKER SHOOT.

-

Viewfinder

VIEWFINDER TYPE

-

LCD Screen

MONITOR TYPE

7.5 cm (3.0-type) type TFT

TOUCH PANEL

Yes

NUMBER OF DOTS

921 600 dots

ADJUSTABLE ANGLE

Opening Angle: Approx. 176 °, Rotation Angle: Approx. 270 °

Other Features

OTHER FEATURES

Cinematic Vlog Setting, My Image Style, Creative Look, Product Showcase Set., Background Defocus, Soft Skin Effect, Custom function, Picture Profile

CLEAR IMAGE ZOOM

Approx. 2x

Shutter

SHUTTER TYPE

Electronic shutter

SHUTTER SPEED

Still images: 1/32000 to 1/4 s, Movies: 1/12800 to 1 s

FLASH SYNC. SPEED

1/100 s³

Image Stabilization

TYPE Electronic
MODE Movie: Active / Off

Flash

TYPE -
CONTROL Pre-flash TTL
FLASH COMPENSATION +/- 3.0 EV (switchable between 1/3 EV steps)
EXTERNAL FLASH COMPATIBILITY Sony α System Flash compatible with Multi Interface Shoe

Drive

CONTINUOUS DRIVE SPEED (APPROX. MAX.) Hi: 24fps ^s
NO. OF RECORDABLE FRAMES (APPROX.) JPEG Extra fine L: 170 frames, JPEG Fine L: 188 frames, JPEG Standard L: 189 frames, RAW: 80 frames, RAW and JPG: 78 frames ^s

Playback

MODES Enlarged display mode, Protect, Rating, Shot Mark (Movie), Divider Frame, Photo Capture

Accessibility

FUNCTIONS Screen reader, Focus Magnifier, Peaking Display, Subject Recognition in AF, Touch Focus, Touch Tracking, Touch Shutter, Touch AE, Vari-angle LCD screen, Custom function

Interface

PC INTERFACE Mass-storage / MTP
INTERFACES Yes (Hi-Speed USB 480 Mbps (USB 2.0) compatible)
WIRELESS LAN (BUILT-IN) Yes (Wi-Fi Compatible, IEEE 802.11b/g/n (2.4 GHz band)) ^s
BLUETOOTH Yes (Bluetooth Standard Ver. 4.2 [2.4 GHz band])
HDMI CONNECTOR HDMI micro connector (Type-D) 3840 x 2160 (30p / 25p / 24p) / 1920 x 1080 (60p / 50p / 24p) / 1920 x 1080 (60i / 50i), YCbCr 4:2:2 8 bit / RGB 8 bit
MULTI INTERFACE SHOE Yes
MIC TERMINAL Yes (3.5 mm Stereo minijack)
FUNCTIONS View on Smartphone, Remote control via Smartphone, PC Remote

USB Streaming

VIDEO DATA FORMAT MJPEG
VIDEO RESOLUTION 1280 x 720 (30p)
AUDIO DATA FORMAT LPCM 2ch (16 bit 48 kHz)

Audio

MICROPHONE

Built-in, stereo

SPEAKER

Built-in, monaural

Power

SUPPLIED BATTERY

Rechargeable Battery Pack NP-BX1

BATTERY LIFE (STILL IMAGES)

Approx. 290 shots (LCD monitor) (CIPA standard) ⁶

BATTERY LIFE (MOVIE, ACTUAL RECORDING)

Approx. 45 min (LCD monitor) (CIPA standard) ⁷

BATTERY LIFE (MOVIE, CONTINUOUS RECORDING)

Approx. 75 min (LCD monitor) (CIPA standard)

INTERNAL BATTERY CHARGE

Yes

USB POWER SUPPLY

Yes

POWER CONSUMPTION WITH LCD SCREEN

Still images: Approx. 1.9 W, Movies: Approx. 3.6 W

Operating temperature

OPERATING TEMPERATURE

32–104 °F / 0–40 °C

Size & Weight

DIMENSIONS (W X H X D)

Approx. 4.15 x 2.36 x 1.84 in (105.5 x 60.0 x 46.7 mm)

Supplied Accessory

WHAT'S IN THE BOX

Rechargeable Battery NP-BX1, Wind Screen, Wind Screen Adapter

Colour Options

white **black**

What's In The Box

- Rechargeable Battery NP-BX1, Wind Screen, Wind Screen Adapter