

**Number Of Effective Pixels:** 26.1 million pixels

**Image Sensor:** 23.5 x 15.6mm (APS-C) X-Trans CMOS 4 with primary color filter

**Sensor Cleaning System:** Ultra Sonic Vibration

**Storage Media:** SD memory card (-2GB) / SDHC memory card (-32GB) / SDXC memory card (-512GB)/ UHS-I

**File Format (Still):** JPEG: Exif Ver.2.3, RAW: 14bit RAW (RAF original format), RAW+JPEG

**Number Of Recorded Pixels:**

L: (3:2) 6240x4160 (16:9) 6240x3512 (1:1) 4160x4160

M: (3:2) 4416x2944 (16:9) 4416x2488 (1:1) 2944x2944

S: (3:2) 3120x2080 (16:9) 3120x1760 (1:1) 2080x2080

**Sensitivity Standard Output:** Auto1/ Auto2/ Auto3 (up to ISO12800)/ ISO160-12800 (1/ 3 step)

**Sensitivity Extended Output:** ISO80/ 100/ 125/ 25600/ 51200

**Exposure Control:** TTL 256-zone metering, Multi/ Spot/ Average/ Center Weighted

**Exposure Mode:** P (Program AE)/ A (Aperture Priority AE)/ S (Shutter Speed Priority AE)/ M (Manual Exposure)

**Exposure Compensation:** STILL -5.0EV - +5.0EV (1/3EV step)/ MOVIE: -2.0EV - +2.0EV (1/3EV step)

**Shutter Type:** Focal Plane Shutter

**Shutter Speed:**

Mechanical Shutter:P mode: 4sec to 1/4000, A mode: 30sec to 1/4000, S/M mode: 15min to 1/4000, Bulb mode: up to 60min

Electronic Shutter:P mode: 4sec. to 1/32000, A mode: 30sec. to 1/32000, S/M mode: 15min. to 1/32000, Bulb mode: up to 60min.

Mechanical + Electronic Shutter:P mode: 4sec. to 1/32000, A mode: 30sec. to 1/32000, S/M mode: 15min. to 1/32000, Bulb mode: up to 60min.

E-Front + Mechanical Shutter:P mode: 4sec. to 1/32000, A mode: 30sec. to 1/32000, S/M mode: 15min. to 1/32000, Bulb mode: up to 60min.

**Shutter Speed Movie:**

DCI4K/4K: 1/4000 to 1/24, FHD: 1/4000 to 1/24

**Synchronized Shutter Speed For Flash:** 1/180sec. or slower

**Continuous Shooting:**

Mechanical Shutter Approx. 8.0fps (JPEG: 458 frames, Compressed RAW: 23 frames, Lossless compressed RAW/ Uncompressed RAW: 18 frames)

Mechanical Shutter Approx. 5.0fps (JPEG: Endless, Compressed RAW: 46 frames, Lossless compressed RAW: 24 frames/ Uncompressed RAW: 19 frames)

Mechanical Shutter Approx. 4.0fps (JPEG: Endless, Compressed RAW: 107 frames, Lossless compressed RAW: 28 frames/ Uncompressed RAW: 20 frames)

Mechanical Shutter Approx. 3.0fps (JPEG: Endless, Compressed RAW: 480 frames, Lossless compressed RAW: 34 frames/ Uncompressed RAW: 21 frames)

Electronic Shutter Approx. 20fps (JPEG: 32 frames, Lossless compressed RAW/ Compressed RAW/ Uncompressed RAW: 17 frames)

Electronic Shutter Approx. 10fps (JPEG: 81 frames, Compressed RAW: 21 frames, Lossless compressed RAW/ Uncompressed RAW: 17 frames)

Electronic Shutter (1.25x Crop) Approx. 30fps (JPEG: 29 frames, Lossless compressed RAW/ Compressed RAW/ Uncompressed RAW: 17 frames)

Electronic Shutter (1.25x Crop) Approx. 20fps (JPEG: 79 frames, Compressed RAW: 20 frames, Lossless compressed RAW/ Uncompressed RAW: 17 frames)

Electronic Shutter (1.25x Crop) Approx. 10fps (JPEG: 153 frames, Compressed RAW: 26 frames, Lossless compressed RAW/ Uncompressed RAW: 18 frames)

Electronic Shutter (1.25x Crop) Pre-shot: Approx. 30fps (Only electronic shutter, 1.25 x Crop) (max. 10 frames while half press, max. 15 frames after full press, total max. 25 frames)

Electronic Shutter (1.25x Crop) Pre-shot: Approx. 20fps (Only electronic shutter, 1.25 x Crop) (max. 10 frames while half press, max. 48 frames after full press, total max. 58 frames)

Electronic Shutter (1.25x Crop) Pre-shot: Approx. 10fps (Only electronic shutter, 1.25 x Crop) (max. 10 frames while half press, max. 110 frames after full press, total max. 120 frames)

#### **AE Bracketing:**

AE Bracketing (Frames: 2, 3, 5, 7, 9 Step: by 1/3EV step, up to +/-3EV steps), Filmsimulation bracketing (Any 3 types of film simulation selectable), Dynamic Range Bracketing (100%, 200%, 400%), ISO sensitivity Bracketing ( +/-1/3EV, +/-2/3EV, +/-1EV), White Balance Bracketing ( +/-1, +/-2, +/-3), Focus Bracketing (Auto, MANUAL)

**Focus Mode:** Single AF/ Continuous AF/ MF

**Focus Type:** Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)

**Focus Low-Light Performance:** Phase Detection: -7.0EV/ Contrast: -3.0EV (XF50mmF1.0 attached)

#### **AF Frame Selection:**

Single point AF: EVF/ LCD: 13 x9/ 25 x17 (Changeable size of AF frame), Zone AF: 3 x3/ 5 x5/ 7 x7 from 117 areas on 13 x9 grid, AF-S: Wide/ AF-C: Tracking, All

#### **White Balance:**

Auto (White Priority, Auto, Ambience Priority)/ Custom1-3/ Color temperature selection (2500K-10000K)/ Fine, Shade, Fluorescent Light 1, Fluorescent Light 2, Fluorescent Light 3, Incandescent light, Underwater

**Self-Timer:** 10sec./ 2sec.

**Interval Timer Shooting:** Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting exposure smoothing)

**Flash Sync Mode:** Built-in Flash: 1st Curtain/ 2nd Curtain, Shoe Mount Flash: 1st Curtain/ 2nd Curtain/ Auto FP (HSS)

**Flash Mode:** Built-In Flash: TTL (TTL Auto / Standard / Slow Sync)/ Manual/ Commander, Shoe Mount Flash: TTL (TTL Auto / Standard/ Slow Sync)/ Manual/ Multi (When Ef-X500 Is Set)/ Off

**Hot Shoe:** Yes (Dedicated TTL Flash compatible)

#### **Viewfinder EVF:**

0.39" OLED Color Viewfinder, Approx 2.36 million dots, Coverage of viewing area vs. capturing area: Approx. 100%, Eyepoint: approx. 23mm (from the eyepiece lens), Diopter adjustment: -4--+2m-1, Magnification: 0.62 x with 50mm lens (35mm equivalent) at infinity and diopter set to -1m-1, Diagonal angle of view: approx. 31 Degree (Horizontal angle of view: approx. 26 Degree ), Built-in eye sensor

**LCD Monitor:** 3.0" Tilt-Type Touch Screen Color LCD Monitor, Aspect ratio 3:2, Approx. 1.04 millions dots

**Touch Screen Shooting Mode:** Shooting, AF, Focus Area, OFF, Double Tap Setting (ON/OFF), Touch Function Setting (ON/OFF), EVF Touch Screen Area Setting

**Touch Screen Playback Mode:** Swipe, Pinch-in / Pinch-out, Double-tap, Drag

**File Format (Movie):** MPEG-4 AVC/H.264, Linear PCM (Stereo sound 24bit / 48KHz sampling)

**Movie Compression:** Long GOP

**File Size/Frame Rate/Record Time:**

DCI 4K (4096 x2160): 29.97p/ 25p/ 24p/ 23.98p Bitrate: 200Mbps/ 100Mbps Recording Time: Up to approx. 30min., 4K (3840 x2160) 59.94p/ 50p/ 29.97p/ 25p/ 24p/ 23.98p Bitrate: 200Mbps/ 100Mbps/ 50Mbps Recording Time: Up to approx. 30min, Full HD (2048 x1080) 59.94p/ 50p/ 29.97p/ 25p/ 24p/ 23.98p Bitrate: 200Mbps/ 100Mbps/ 50Mbps Recording Time: Up to approx. 30min, Full HD (1920 x1080) 59.94p/ 50p/ 29.97p/ 25p/ 24p/ 23.98p Bitrate: 200Mbps/ 100Mbps/ 50Mbps Recording Time: Up to approx. 30min, Full HD (1920 x1080) High speed rec. 240p/ 200p/120/100 Bitrate: 200Mbps (recording) up to approx. 3min., 120p/ 100p 200Mbps(recording) up to approx. 6min.

**Film Simulation Mode:**

18 modes: PROVIA/Standard, Velvia/Vivid, ASTIA/Soft, Classic Chrome, PRO Neg.Hi, PRO Neg.Std, Classic Neg., ETERNA/Cinema, ETERNA BLEACH BYPASS, ACROS, ACROS + Ye Filter, ACROS + R Filter, ACROS + G Filter, Black & White, Black & White + Ye Filter, Black & White + R Filter, Black & White + G Filter, Sepia

**Clarity Setting:** +/-5 steps

**Monochromatic Color:** Yes

**HDR Mode:** Auto/ 200%/ 400%/ 800%/ 800%+

**Grain Effect:** Roughness: Strong, Weak, Off Size: Large, Small

**Color Chrome Effect:** Strong, Weak, Off

**Dynamic Range Setting:** Auto/ 100%/ 200%/ 400% (ISO restriction (DR100%: No limit, DR200%: ISO320 or more, DR400%: ISO640 or more))

**Dynamic Range Setting (Movie):** 100%/ 200%/ 400% (ISO restriction (DR100%: No limit, DR200%: ISO320 or more, DR400%: ISO640 or more))

**Advanced Filter:** Toy camera, Miniature, Pop color, High-key, Low-key, Dynamic tone, Soft focus, Partial color (Red / Orange / Yellow / Green / Blue / Purple)

**Wireless Transmitter Standard:** IEEE802.11b/g/n (standard wireless protocol)

**Wireless Transmitter Encryption:** WEP/ WPA/ WPA2 mixed mode

**Wireless Transmitter Access Mode:** Infrastructure

**Bluetooth Standard:** Bluetooth Ver 4.2 (Bluetooth low energy)

**Bluetooth Operating Frequency:** 2402 – 2480MHz

**Terminal – Digital Interface:** USB Type-C (USB3.1 Gen1)

**Terminal – HDMI Output:** HDMI micro connector (Type D)

**Terminal – Others:** 2.5mm, stereo mini connector (for Microphone and Remote Release), Hot shoe

**Power Supply:** NP-W126S Li-ion battery (included)

**Battery Life For Still Images:** Approx. 390 frames (Normal Mode) When XF35mmF1.4 R is set.

**Actual Battery Life For Movie Capture:** (4K) approx. 45min. (29.97p), (Full HD) approx. 45min. (59.94p)

**Continuance Battery Life:**

(4K) approx. 60min. (29.97p), (Full HD) approx. 75min. (59.94p) (For Movie Capture)

**Operating Temperature:** -10 Degree C - 40 Degree C

**Dimensions (W x H x D):** 118.4 x 82.8 x 46.8mm (Minimum Depth: 31.9mm)

**Weight**

378g (Approx.) (including battery and SD memory card)

329g (Approx.) (excluding battery and SD memory card)