



Fujifilm X-M5 Mirrorless Camera Specification

Fujifilm X-M5 Mirrorless Camera

| | |
|----------------------------|--|
| Model name | FUJIFILM X-M5 |
| Lens Mount | FUJIFILM X mount |
| Image sensor filter | 23.5mm x 15.6mm (APS-C) X-Trans CMOS 4 with primary color filter |
| Number of effective pixels | 26.1 millions pixels |
| Sensor Cleaning System | Ultra Sonic Vibration |
| Image Processing Engine | X-Processor 5 |
| Storage media | SD Card (-2GB) |

SDHC Card (-32GB)

SDXC Card (-2TB)

UHS-I

*Please see the Fujifilm website (<https://fujifilm-x.com/support/compatibility/cameras/>) to check memory card compatibility.

| | | |
|--|-----|--|
| File format of still image system (DCF2.0) | DCF | Compliant with Design rule for Camera File system (DCF2.0) |
|--|-----|--|

| | |
|------|---------------|
| JPEG | Exif Ver.2.32 |
|------|---------------|

| | |
|------|-------------|
| HEIF | 4:2:2 10bit |
|------|-------------|

| | |
|-----|---------------------------------|
| RAW | 14bit RAW (RAF original format) |
|-----|---------------------------------|

| | |
|------|--|
| TIFF | 8bit / 16bit RGB (In-camera Raw Conversion Only) |
|------|--|

*Exif 2.32 is a digital camera file format that contains a variety of shooting information for optimal printing

| | | |
|---------------------------|-----|-----|
| Number of recorded pixels | [L] | 4:3 |
|---------------------------|-----|-----|

| | |
|-----|-------------|
| 3:2 | 6240 x 4160 |
|-----|-------------|

| | |
|------|-------------|
| 16:9 | 6240 x 3512 |
|------|-------------|

| | |
|-----|-------------|
| 1:1 | 4160 x 4160 |
|-----|-------------|

65:24

5:4

7:6



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[M] 4:3
3:2 4416 x 2944
16:9 4416 x 2488
1:1 2944 x 2944
65:24
5:4
7:6

[S] 4:3
3:2 3120 x 2080
16:9 3120 x 1760
1:1 2080 x 2080
65:24
5:4
7:6

Panorama [L] vertical 2160 x 9600
Horizontal 9600 x 1440
[M] Vertical 2160 x 6400
Horizontal 6400 x 1440

Lens Type
Focal length
Max. aperture
Lens configuration
ND filter

Aperture
Focus range
Conversion lens

Digital Tele-Converter



Sensitivity

Still Image

Standard Output

AUTO1

AUTO2

AUTO3

ISO160~12800 (1/3 step)

Extended Output

ISO80

ISO100

ISO125

ISO25600

ISO51200

Movie

Standard Output

AUTO

ISO125~12800 (1/3 step)

Extended Output

ISO25600

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

Image stabilizer

Mechanism

Compensation Effect



Digital Image Stabilization Yes (movie mode only)

IS MODE BOOST Yes (movie mode only)

Shutter type Focal Plane Shutter

Shutter speed Mechanical shutter P mode 30sec. to 1/4000sec.

A mode 30sec. to 1/4000sec.

S/M mode 15min. to 1/4000sec.

Bulb up to 60min.

Electronic shutter P mode 30sec. to 1/32000sec.

A mode 30sec. to 1/32000sec.

S/M mode 15min. to 1/32000sec.

Bulb 1sec. Fixed

Electronic front curtain shutter P mode 30sec. to 1/4000sec.

A mode 30sec. to 1/4000sec.

S/M mode 15min. to 1/4000sec.

Bulb up to 60min.

Mechanical + Electronic shutter P mode 30sec. to 1/32000sec.

A mode 30sec. to 1/32000sec.

S/M mode 15min. to 1/32000sec.

Bulb up to 60min.

*Mechanical shutter works until 1/4000sec.

E-front + Mechanical shutter P mode 30sec. to 1/4000sec.

(GFX: Electronic Front Curtain Shutter) A mode 30sec. to 1/4000sec.

S/M mode 15min. to 1/4000sec.

Bulb up to 60min.

*Electronic front curtain shutter works until 1/2000sec.

E-front + Mechanical + Electronic shutter P mode 30sec. to 1/32000sec.

(GFX: E-Front + Electronic Shutter) A mode 30sec. to 1/32000sec.



S/M mode 15min. to 1/32000sec.

Bulb up to 60min.

*Electronic front curtain shutter works until 1/2000sec, Mechanical shutter works until 1/4000sec.

*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.

Movie 8K/DCI8K

6.2K 1/4000sec. to 1/24 sec.

5.8K

5.4K

4.8K

4.6K(ANAMOR)

4K/DCI4K 1/4000sec. to 1/24 sec.

FHD 1/4000sec. to 1/24 sec.

*Cannot choose slower shutter speed than framerate for some settings.

Synchronized shutter speed for flash Mechanical shutter 1/180sec. or slower

Electronic shutter

Continuous shooting CH Electronic shutter Approx. 30fps (1.25x Crop)

No. of recordable frames JPEG 128frames

Compressed RAW 78frames

Lossless compressed RAW 46frames

Uncompressed RAW 23frames

Compressed RAW + JPEG 32frames

Lossless compressed RAW + JPEG 27frames

Uncompressed RAW + JPEG 21frames

CH Electronic shutter Approx. 20fps (1.25x Crop)

No. of recordable frames JPEG 141frames

Compressed RAW 81frames

Lossless compressed RAW 47frames

Uncompressed RAW 24frames

Compressed RAW + JPEG 46frames



Lossless compressed RAW + JPEG 38frames

Uncompressed RAW + JPEG 21frames

CH Electronic shutter Approx. 10fps (1.25x Crop)

No. of recordable frames JPEG 204frames

Compressed RAW 113frames

Lossless compressed RAW 57frames

Uncompressed RAW 25frames

Compressed RAW + JPEG 66frames

Lossless compressed RAW + JPEG 54frames

Uncompressed RAW + JPEG 22frames

Continuous shooting CH Electronic shutter Approx. 20fps

No. of recordable frames JPEG 127frames

Compressed RAW 60frames

Lossless compressed RAW 34frames

Uncompressed RAW 23frames

Compressed RAW+JPEG 34frames

Lossless compressed RAW+JPEG 26frames

Uncompressed RAW+JPEG 21frames

CH Electronic shutter Approx. 10fps

No. of recordable frames JPEG 155frames

Compressed RAW 79frames

Lossless compressed RAW 41frames

Uncompressed RAW 24frames

Compressed RAW+JPEG 48frames

Lossless compressed RAW+JPEG 39frames

Uncompressed RAW+JPEG 22frames

CH Electronic shutter Approx. 8fps

No. of recordable frames JPEG 173frames

Compressed RAW 82frames

Lossless compressed RAW 41frames

Uncompressed RAW 25frames



Compressed RAW+JPEG 52frames

Lossless compressed RAW+JPEG 37frames

Uncompressed RAW+JPEG 23frames

CH Electronic shutter

No. of recordable frames

JPEG

Compressed RAW

Lossless compressed RAW

Uncompressed RAW

Compressed RAW+JPEG

Lossless compressed RAW+JPEG

Uncompressed RAW+JPEG

CH Electronic Front Curtain Shutter

No. of recordable frames JPEG

Compressed RAW

Lossless compressed RAW

Uncompressed RAW

CH Mechanical shutter Approx. 8.0fps

No. of recordable frames JPEG 173frames

Compressed RAW 82frames

Lossless compressed RAW 38frames

Uncompressed RAW 25frames

Compressed RAW+JPEG 52frames

Lossless compressed RAW+JPEG 34frames

Uncompressed RAW+JPEG 23frames

CH Mechanical shutter

No. of recordable frames JPEG

Compressed RAW

Lossless compressed RAW

Uncompressed RAW

Compressed RAW+JPEG

Lossless compressed RAW+JPEG

Uncompressed RAW+JPEG

CL Mechanical shutter

No. of recordable frames JPEG

Compressed RAW

Lossless compressed RAW

Uncompressed RAW

Compressed RAW+JPEG

Lossless compressed RAW+JPEG

Uncompressed RAW+JPEG

CL Approx. 5.0fps

No. of recordable frames JPEG 1000+frames

Compressed RAW 163frames

Lossless compressed RAW 48frames

Uncompressed RAW 27frames

CL Approx. 4.0fps

No. of recordable frames JPEG 1000+frames

Compressed RAW 10000+frames

Lossless compressed RAW 65frames

Uncompressed RAW 28frames

CL Approx. 3.0fps

No. of recordable frames JPEG 1000+frames

Compressed RAW 1000+frames

Lossless compressed RAW 152frames

Uncompressed RAW 38frames

Pre-shot Electronic shutter, 1.25 x Crop Approx. 30fps

No. of recordable frames While half press 30frames

After full press 75frames

Total 105frames

Pre-shot Electronic shutter, 1.25 x Crop Approx. 20fps

No. of recordable frames While half press 20frames



After full press 576frames

Total 596frames

Pre-shot Electronic shutter, 1.25 x Crop Approx. 10fps

No. of recordable frames While half press 10frames

After full press 1000+frames

Total 1000+frames

Pre-shot Electronic shutter Approx. 20fps

No. of recordable frames While half press 20frames

After full press 998frames

Total 1018frames

Pre-shot Electronic shutter Approx. 10fps

No. of recordable frames While half press 10frames

After full press 1000+frames

Total 1000+frames

Pre-shot Electronic shutter Approx. 8fps

No. of recordable frames While half press 8frames

After full press 1000+frames

Total 1000+frames

Pre-shot Electronic shutter

No. of recordable frames While half press

After full press

Total

Pre-shot Electronic shutter

No. of recordable frames While half press

After full press

Total

*Recordable frames depends on recording media

*Speed of continuous shooting depends on shooting environment and shooting frames

Drive Mode AE Bracketing 2 frames

3 frames



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5 frames

7 frames

9 frames

*by 1/3EV step, up to ± 3 EV steps

Filmsimulation bracketing Any 3 types of film simulation selectable

Dynamic Range Bracketing 100%

200%

400%

ISO sensitivity Bracketing $\pm 1/3$ EV

$\pm 2/3$ EV

± 1 EV

White Balance Bracketing ± 1

± 2

± 3

Focus Bracketing AUTO

MANUAL

Multiple Exposure Yes (Max. 9 frames)

Additive

Average

Bright

Dark

HDR Mode AUTO

200%

400%

800%

800% +

Advanced filter Toy camera

Miniature

Pop color

High-key

Low-key



Dynamic tone

Soft focus

Partial color (Red / Orange / Yellow / Green / Blue / Purple)

Pixel Shift Multi Shot HIGH RESOLUTION + ACCURATE COLOR

ACCURATE COLOR

Focus Mode

Single AF

Continuous AF

MF

Type

Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)

Low-light Performance Contrast

-4.0EV

XF50mmF1.0 attached

Phase Detection -7.0EV

XF50mmF1.0 attached

AF frame selection Single point AF 13x9 / 25x17 (Changeable size of AF frame)

Zone AF 3x3 / 5x5 / 7x7 from 117 areas on 13x9 grid

Wide/Tracking AF Yes (AF-S: Wide / AF-C: Tracking)

All Yes

Face/eye detection Yes

Subject detection Yes

(Animal/Bird/Automobile/Motorcycle&Bike/Airplane/Train)

Flash Built-in flash

Guide Number

Effective range(ISO1600)

Sync. Mode

Flash Mode

Flash EF-X8 Guide Number approx. 11 (ISO200 • m) / approx. 8 (ISO100 • m)



Sync. Mode 1st Curtain

2nd Curtain

Flash Mode TTL (TTL AUTO / STANDARD / SLOW SYNC.)

MANUAL

COMMANDER

OFF

Shoe mount flash Sync. Mode 1st Curtain

2nd Curtain

AUTO FP (HSS)

Flash Mode TTL (TTL AUTO / STANDARD / SLOW SYNC.)

MANUAL

MULTI *When EF-X500 is set

OFF

Synchronized terminal Sync. Mode

Flash Mode

Hot shoe Yes (Dedicated TTL Flash compatible)

Viewfinder (Hybrid viewfinder) OVF

Coverage of Frame Area v.s. Capturing Area

Magnification

Viewfinder EVF

Coverage of Viewing Area vs. Capturing Area

Eyepoint

Diopter Adjustment

Magnification

Diagonal Angle of View

LCD monitor 3.0 inch vari-angle Touch Screen Color LCD Monitor

Aspect Ratio 3:2

Dots Approx. 1.04 million dots

Touch Screen Mode Shooting Mode Shooting

AF

Focus Area

OFF

Double Tap Setting (ON/OFF)

Touch Function Setting (ON/OFF)

Touch Zoom (ON/OFF)

Playback Mode Swipe

Pinch-in / Pinch-out

Double-tap

Drag

Sub LCD monitor

Aspect Ratio

Dots

Rear sub monitor

Aspect Ratio

Dots

Movie recording File format MOV

HEVC/H.265, Linear PCM (Stereo sound 24bit / 48KHz sampling)

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

MP4 MPEG-4 AVC/H.264, AAC

Movie compression

Long GOP

8K(17:9) File size

Frame rate

Bitrate

8K(16:9) File size

Frame rate

Bitrate

8K(2.76:1) File size



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Frame rate

Bitrate

6.2K(3:2) File size 6240 x 4160

Frame rate 29.97p

25p

24p

23.98p

Bitrate

200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

6.2K(16:9) File size

Frame rate

Bitrate

5.8K(2.35:1) File size

Frame rate

Bitrate

5.4K(17:9) File size

Frame rate

Bitrate

4.8K(3:2) File size

Frame rate

Bitrate

4.8K(16:9) File size

Frame rate

Bitrate

4.6K(1.38:1) File size

Frame rate



Bitrate

DCI4K HQ(17:9) File size

Frame rate

Bitrate

4K HQ(16:9) File size

Frame rate

Bitrate

DCI4K(17:9) File size 4096 x 2160

Frame rate 59.94p

50p

29.97p

25p

24p

23.98p

Bitrate

200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

Recording time

4K(16:9) File size 3840 x 2160

Frame rate 59.94p

50p

29.97p

25p

24p

23.98p

Bitrate



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200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

Recording time

4KLP(16:9) File size 3840 x 2160(1.18x Crop)

Frame rate

29.97p

25p

24p

23.98p

Bitrate

200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

Recording time

Full HD(17:9) File size 2048 x 1080

Frame rate 59.94p

50p

29.97p

25p

24p

23.98p

Bitrate



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200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

Recording time

Full HD(16:9) File size 1920 x 1080

Frame rate 59.94p

50p

29.97p

25p

24p

23.98p

Bitrate

200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

Recording time

Full HDLP(17:9) File size 2048 x 1080 (1.29x Crop)

Frame rate 59.94p

50p

Bitrate

200Mbps

100Mbps

50Mbps

25Mbps

8Mbps



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Recording time

Full HDLP(16:9) File size 1920 x 1080 (1.29x Crop)

Frame rate 59.94p

50p

Bitrate

200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

Recording time

Full HD(9:16) File size 1080 x 1920

Frame rate 29.97p

25p

24p

23.98p

Bitrate

200Mbps

100Mbps

50Mbps

25Mbps

8Mbps

Recording time

DCI4K(17:9) High speed rec. File size

Frame rate

Bitrate

Recording time

4K(16:9) High speed rec.

File size



Frame rate

Bitrate

Recording time

Full HD(17:9) High speed rec. File size 2048 x 1080

Frame rate 240p

200p

120p

100p

Bitrate 200Mbps (recording)

Recording time

Full HD(16:9) High speed rec. File size 1920 x 1080

Frame rate 240p

200p

120p

100p

Bitrate

200Mbps (recording)

Recording time

HD(16:9)

File size

Frame rate

Bitrate

Recording time

*For recording movies, use a SD memory card with UHS Speed Class 3 or higher.

*Selectable bitrate will be changed depends on the setting.

*Recording time can become short depending on the temperature and/or shooting conditions

Microphone Direction Setting

SURROUND, FRONT PRIORITY, BACK PRIORITY, FRONT & BACK PRIORITY

Vlog mode Yes



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AUTO mode Setting

AUTO

Portrait

Portrait Enhancer

Landscape

Sport

Night

Night (Tripod)

Fireworks

Sunset

Snow

Beach

Underwater

Party

Flower

Text

Film simulation mode

20 modes

PROVIA/Standard

Velvia/Vivid

ASTIA/Soft

Classic Chrome

REALA ACE

PRO Neg.Hi

PRO Neg.Std

Classic Neg.

Nostalgic Neg.

ETERNA/Cinema

ETERNA BLEACH BYPASS



ACROS + Ye Filter

ACROS + R Filter

ACROS + G Filter

Black & White

Black & White + Ye Filter

Black & White + R Filter

Black & White + G Filter

Sepia

Monochromatic Colour Yes

B & W ADJ. (Warm/Cool)

Grain Effect

Roughness STRONG, WEAK, OFF

Size LARGE, SMALL

Colour Chrome Effect STRONG, WEAK, OFF

Colour chrome Blue STRONG, WEAK, OFF

Smooth Skin Effect

Portrait Enhancer Lv STRONG, MEDIUM, WEAK, OFF

Dynamic range setting Still AUTO / 100% / 200% / 400%

ISO restriction DR100%: No limit、 DR200%: ISO320 or more、 DR400%: ISO640 or more

Movie 100% / 200% / 400%

ISO restriction DR100%: No limit、 DR200%: ISO320 or more、 DR400%: ISO640 or more

White balance

Auto

White Priority

Auto

Ambience Priority

Custom Custom1 - 3

Color temperature selection 2500K~10000K

Preset

Daylight



Shade

Fluorescent Light-1

Fluorescent Light-2

Fluorescent Light-3

Incandescent Light

Underwater

Clarity setting

±5 steps

Self-timer

Still 10sec.

 2sec.

Movie 10sec.

 5sec.

 3sec.

Interval timer shooting

Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting exposure smoothing, Interval priority mode)

Wireless transmitter

Standard IEEE802.11b/g/n/ (standard wireless protocol)

Encryption WPA/WPA2 mixed mode, WPA3

Access mode Infrastructure

Bluetooth®

Standard

Bluetooth Ver. 4.2 (Bluetooth low energy)

Operating frequency (Center frequency) 2402~2480MHz

Terminal

Digital interface USB Type-C USB 10Gbps

HDMI output HDMI Micro connector (Type D)

LAN Terminal

Others



ø3.5mm, stereo mini connector (Microphone)

ø3.5mm, stereo mini connector (Headphone)

Hot shoe

Power supply NP-W126S Li-ion battery (included)

Battery life for still images

Economy Mode Approx. 440 frames

Normal Mode Approx. 330 frames

*When XF35mmF1.4 R is set

Actual battery life of movie capture 8K

6.2K Approx. 45min. (29.97p)

4K Approx. 50min. (29.97p)

Full HD Approx. 45min. (59.94p)、Approx. 50min. (120P)

*Face detection is set to OFF

Continuance battery life of movie capture 8K

6.2K Approx. 65min. (29.97p)

4K Approx. 85min. (29.97p)

Full HD Approx. 80min. (59.94p)

*Face detection is set to OFF

*Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard.

Dimensions

Width 111.9mm

Height 66.6mm

Depth 38.0mm

(Minimum Depth) (33.5mm)

Weight including battery and memory card Approx. 355g

excluding battery and memory card Approx. 307g

Operation Environment Operating Temperature 0°C~+40°C



Operating Humidity 10%~80% (no condensation)

Starting up period Approx. 0.8sec.

Accessories included

Li-ion battery NP-W126S

Shoulder strap

Body cap

Cooling fan connector cover