A camera is more than just a collection of technical specifications. It must provide the perfect connection between the photographer’s intentions and the corresponding actions. The X-T3 is a high performance premium camera that will become an inseparable partner in your artistic journey. Everything about this camera has been designed to completely satisfy all your photography and videography needs... dials for adjusting exposure settings, high resolution EVF and a robust magnesium alloy body that is ready for the toughest of conditions.
It had the world’s fastest EVF with a lag time of 0.005 sec and the world’s highest magnification ratio. Its body was constructed of a dust- and weather-resistant die cast magnesium body. This is the X-T1 — embodying the sophisticated philosophy of functional beauty.

Utilizing our 3rd generation sensor and processor, it came with dual card slots, 3-axis tilting LCD, and advanced phase detection autofocus system. This is the X-T2 — achieving exceptional image quality and handling for professionals.

In pursuit of the ultimate joy in photography, the evolution of T goes to the next stage.
**THE STARTING OF THE 4TH GENERATION**

### The First X Series model featuring a new back-illuminated sensor

The X-T3 features a newly-developed back-illuminated “X-Trans CMOS 4” sensor, the fourth generation to feature in the X Series. Boasting a resolution of 26.1MP, the sensor uses a unique color filter array, synonymous to X-Trans CMOS sensors, to control moiré and false color without the use of an optical low-pass filter. Its back-illuminated structure enhances image quality while maintaining a high S/N ratio. Furthermore, ISO160, previously available only as extended ISO, is now part of the normal ISO range, allowing you to achieve incredibly clean, noise-free images.

### The brain that utilizes the full potential of the X-Trans CMOS 4 sensor

The X-T3 uses the X-Processor 4, an evolved version of X Series’ image processing engine that boasts advanced processing capabilities. The new processor, combined with a new algorithm, enhances the Film Simulation modes, substantially improving the camera’s ability to track moving subjects, boosts AF’s speed and accuracy, and allows for a more diverse range of video functions. It maximizes the full potential of X-Trans CMOS 4 sensor to deliver the highest performance in all aspects in the history of X Series.

### Blackout-free high-speed continuous shooting of up to 30 fps with AF/AE tracking

Increased read speed from the sensor and the new high-speed processor have made it possible to have AF/AE-tracking, blackout-free continuous shooting of up to 30 fps in approx. 16.6M (1.25x crop) mode using the electronic shutter, while maintaining a smooth Live View of 60fps to track your subject. The rolling shutter distortion, a typical issue for electronic shutters, has been halved compared to the previous generation.

### Large EVF means you’ll never lose sight of your subject

The X-T3 features a 3.69-million dot high resolution EVF with a high magnification ratio of 0.75x. The display time lag of just 0.005 seconds and refresh rate of approx. 100fps ensure smooth display and allows you to precisely identify subject movements and focus positions.

### Sports finder mode for enhanced shooting

The “Sports finder mode” makes it even easier to capture moving subjects. The new mode marks a cropped area in the viewfinder and shoots at approx. 16.6M (1.25x crop). This is particularly useful for sports and wildlife photography, as you can check the movements of a subject just outside the shooting frame and take advantage of shorter-than-usual blackout time as compared with the mechanical shutter.

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**PERFORMANCE**

<table>
<thead>
<tr>
<th>Maximum AF speed</th>
<th>Shooting interval</th>
<th>Shutter release time lag</th>
<th>Startup time</th>
<th>Maximum continuous shooting speed</th>
<th>EVF refresh rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.06 sec*1</td>
<td>0.17 sec</td>
<td>0.045 sec*1</td>
<td>Approx. 0.3 sec</td>
<td>30 fps*2</td>
<td>Approx. 100 fps*1</td>
</tr>
</tbody>
</table>

*1 When using the BOOST mode *2 When using the electronic shutter; Up to 11fps when using the mechanical shutter
The X-T3 offers 16 Film Simulation modes so that you can match your true photographic intention in a similar way to how photographers used to choose purpose-specific photographic films. This unique philosophy reflects Fujifilm’s heritage and color science know-how, nurtured by over 80 years of film manufacturing.

Film Simulation modes for a variety of color tones and gradations

The X-T3 offers the new “monochrome adjustment” function to faithfully reproduce warm and cool tones which were conventionally achieved using specific photographic papers and developers. This function, available in the standard “Monochrome” as well as the “ACROS” mode, provides smooth halftones, deep blacks, and beautiful textures to broaden the scope of monochrome expression.

Cutting-edge monochrome expression for the digital age

The X-T3 offers the new “monochrome adjustment” function to faithfully reproduce warm and cool tones which were conventionally achieved using specific photographic papers and developers. This function, available in the standard “Monochrome” as well as the “ACROS” mode, provides smooth halftones, deep blacks, and beautiful textures to broaden the scope of monochrome expression.

Color Chrome effect for high saturation subjects

This effect produces deeper colors and gradation in subjects with highly saturated colors present in vivid and shaded flowers, which are notoriously difficult to photograph.
The X-T3’s sensor has increased the phase detection AF area to the entire frame (approx. 100%) with 2.16M phase detection pixels. The low-light AF sensitivity has also been extended from -1EV to -3EV, enabling high-speed AF even in lower light conditions, like a scene lit only with candlelight.

Fast and accurate phase detection AF across the frame

Enhanced AF processing for moving subject

The X-Processor 4’s high processing speed and improved phase detection algorithm means the camera refocuses (AF) and meters (AE) about 1.5 times more frequently than current models to improve autofocus even when shooting sports involving fast and erratic movements across the frame.

Substantially improved performance with face- and eye-detection AF

The performance of face-detection AF on a moving person has been doubled. The eye-detection AF works in AF-C mode, maintaining accurate focus-tracking with portraits. It focuses precisely when shooting people from the front or side.

11fps continuous shooting with camera body only

Continuous shooting of 11fps with the mechanical shutter no longer requires the optional vertical grip.
MOVIE RECORDING

Enhanced ISO performance for a wider scope of video expressions

The introduction of a new noise reduction process and new “4K interframe NR” function have reduced noise at ISO12800 by the equivalent of approx. 2 stops. The NR process has a greater level of noise-identifying accuracy for appropriate denoising performance. The 4K interframe NR function uses differential data between adjacent frames to reduce noise even further. Furthermore, the minimum sensitivity for shooting F-Log and with the setting of DR400% footage has been extended from ISO800 to ISO640.

Equipped with Hybrid Log Gamma video recording and simultaneous output of Film Simulation and F-Log footage

The X-T3 supports Hybrid Log Gamma (HLG) video recording which is one of the formats defined in the ITU-R BT.2100 international standard. HLG allows the capture of rich and realistic images in a scene where there is a huge gap between highlight and shadow, or subjects with high color saturation. Simultaneous output of Film Simulation and F-Log footage is also available with the X-T3* allowing you to record in F-Log while previewing the footage with a Film Simulation applied, via an external monitor.

*1 Firmware version 2.00 is required
*2 Only compatible with H.264/MPEG-4 AVC, H.265/HEVC formats. Viewing HLG footage requires a television or display compatible with HLG formats.
*3 Not compatible with the X-T2 and X-T20. Requires an SD card with the video speed class of V60 or above to record at the bitrate of 400Mbps.

The X-T3 is our first model that feature 4K/60P 4:2:2 10bit HDMI output and 4K/60P 4:2:0 10bit internal SD card recording. Supported video formats include the widely-used H.264/MPEG-4 AVC as well as H.265/HEVC for greater data compression. This enables 200Mbps bitrate recording when shooting 4K/60P 4:2:0 10bit. Video compression options available are ALL-Intra* and Long GOP. When using ALL-Intra, video is recorded at 400Mbps.*


<table>
<thead>
<tr>
<th>SDR Image</th>
<th>HDR Image</th>
<th>SCR Image</th>
<th>HDR Image</th>
</tr>
</thead>
</table>

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The X-T3’s 10bit color depth has 64 times the color information versus an 8bit depth system. With the wide dynamic range of 400% (approx. 12 stops), it enables gradation-rich video recording when applying “ETERNA”, characterized by subdued color and rich shadow tones, or “F-Log,” which is a gamma curve option with an even wider dynamic range.

Simultaneous output of 4K HDMI and internal SD card recording
The X-T3 supports 4K/60P 4:2:2 10bit HDMI output and 4K/60P 4:2:0 10bit internal SD card recording simultaneously. This allows you to take backup video or conduct 4K/60P internal SD card recording while monitoring 4K/60P footage. Also, the sensor’s read speed is about 1.5 times faster than current models, which enables fast 17msec reading of 4K/60P video. The rolling shutter distortion has been reduced for even smoother filming of fast-moving subjects.

MKX cinema lenses for dramatically improving the quality of video footage
Award-winning FUJINON cinema lenses are now also available with the X Mount, offering edge-to-edge sharpness and excellent portability. Cine lenses suppress focus shift while zooming and reduce lens breathing during focusing, something photographic lenses do not. Furthermore, the MKX lenses feature three manual rings for precise adjustments of focus, zoom and aperture, allowing for comfortable functionality and operation.

**MKX18-55mm T2.9**
- **Focal length**: f=18 - 55mm (27 - 84mm)
- **Angle of view**: 76.5° - 29.0°
- **Max. aperture**: F2.8
- **Max. T stop**: T2.9
- **Focus range**: 0.85m/2ft 9in  - ∞
- **External dimensions (diameter × length)**: Φ87mm × 206.6mm
- **Weight**: 1100g
- **Front diameter**: Φ85mm
- **Filter size**: Φ82mm

**MKX50-135mm T2.9**
- **Focal length**: f=50 - 135mm (76 - 206mm)
- **Angle of view**: 31.7° - 12.0°
- **Max. aperture**: F2.8
- **Max. T stop**: T2.9
- **Focus range**: 1.2m/3ft 11in - ∞
- **External dimensions (diameter × length)**: Φ87mm × 206.6mm
- **Weight**: 1100g
- **Front diameter**: Φ85mm
- **Filter size**: Φ82mm
**CONNECTION**

**Workflow software**

By installing compatible software on your computer, it is possible to build an all-in-one workflow for things like “tethered shooting / checking the image / RAW development preview / RAW development”. In addition to FUJIFILM’s own software, you can use software that you are already familiar with. You can carry out tethered shooting by connecting the GFX via USB cable or Wi-Fi connection through wireless LAN access point. Also, RAW files can be developed based on Film Simulation settings.

**Compatible software**

- **Capture One Pro**
  - This is workflow software that inherits the versatile and powerful editing capabilities of Capture One Pro but is specifically designed for the GFX and X Series of cameras. It is available to purchase from Phase One’s website. The Capture Pilot function allows you to connect the camera to a mobile device, etc., and view/check an image being captured wirelessly on such devices.

  *See Phase One website for details of supported cameras.*

- **Capture One Express**
  - This software supports RAW conversion for files from the GFX and X Series range of cameras. The software uses a unique cataloging format to manage pictures, enabling fast processing of individual images regardless of the quantity or size. FUJIFILM’s unique Film Simulation modes can be applied during RAW conversion so that you can add an artistic flair or traditional film look and feel. This RAW conversion software is available as a free download from the Phase One website.

  *Available as free download from the Phase One website.*

- **FUJIFILM X Acquire**
  - This unique RAW development software from FUJIFILM. By connecting a computer installed with X Acquire and camera via USB cable, the processor in the camera can be used to process RAW files. Processing time will not be affected by any limitations of your computer, and there is no difficulty in batch processing large number of images. Since it offers an optimized environment for the GFX 50S / 50R, you can get complete image quality includes tone, color reproduction, and Film Simulations.

  *Available as free download from the FUJIFILM website.*
**ZOOM LENSES**

**XC SERIES**

- **XF14mmF2.8 R**: Super wide angle lens with excellent edge-to-edge sharpness.
- **XF16mmF1.4 R WR**: Dust- and weather-resistant wide angle lens with fast F1.4 aperture.
- **XF18mmF2 R**: Compact lens that you can keep with you at all times.
- **XF23mmF1.4 R**: Black / Silver. Compact lens delivering premium image quality and a natural angle of view.
- **XF27mmF2.8**: Black / Silver. Lightest lens in the series, perfect for everyday use.
- **XF35mmF2 R**: Black / Silver. Stylish and lightweight standard prime lens.
- **XF50mmF2 R**: Black / Silver. A mid-telephoto lens with a compact lightweight design.
- **XF16mmF1.4 R**: Dust- and weather-resistant wide angle lens with fast F1.4 aperture.
- **XF14mmF2.8 R**: Wide angle lens with the constant aperture of F4, making it ideal for landscape photos.
- **XF10-24mmF4 R OIS**: Wide angle zoom lens with the constant aperture of F4, making it ideal for landscape photos.
- **XF10-24mmF4 R OIS II**: Premium, lightweight, and compact zoom.
- **XF16-50mmF3.5-5.6 OIS II**: A compact lightweight zoom lens with excellent performance.
- **XF16-55mmF2.8 R LM WR**: Professional ultra-wide angle zoom with fast F2.8 aperture.
- **XF16-55mmF2.8 R LM OIS**: Professional zoom lens with an F2.8 aperture throughout the range for ultimate creativity.
- **XF16-55mmF2.8-4 R LM OIS WR**: All-weather super-zoom telephoto lens. Ideal for bringing far away subjects closer.
- **XF18-55mmF2.8 R LM OIS**: Professional all-weather super-zoom lens with an F2.8 aperture designed for maximum creativity.
- **XF200mmF2 R LM OIS WR**: Professional prime lens with ultimate image quality and super-fast AF. Dedicated XF1.4X teleconverter included.
- **XF23mmF1.4 R**: Combines creamy bokeh with a natural angle of view.
- **XF35mmF1.4 R**: Standard lens that is super-sharp even at its widest aperture.
- **XF56mmF1.2 R APD**: Creamy bokeh effect thanks to additional APD filter.
- **XF56mmF1.2 R**: Tack sharp focus and ability to produce beautiful bokeh effect.
- **XF60mmF2.4 R Macro**: High quality macro lens giving 1:2 magnification in a compact size.
- **XF80mmF2.8 R LM OIS WR Macro**: Portrait lens with exceptional detail at its widest apertures.
- **XF80mmF2.8 R LM OIS WR Macro**: Professional XF prime lens with ultimate image quality and super-fast AF - dedicated XF1.4X teleconverter included.
- **XF80mmF2.8 R LM OIS WR Macro**: Professional telephoto zoom lens with five-stop image stabilization.
- **XF8-16mmF2.8 R LM WR**: Professional ultra-wide angle zoom with fast F2.8 aperture.
- **XF8-16mmF2.8 R LM WR**: Professional ultra-wide angle zoom with fast F2.8 aperture.
- **XF8-16mmF2.8-4 R LM OIS WR**: Professional telephoto zoom lens with five-stop image stabilization.
- **XF10-40mmF4.5-5.6 R LM OIS WR**: Ultra-telephoto professional zoom with five-step image stabilization.
- **XF100-400mmF4.5-5.6 R LM OIS WR**: Ultra-telephoto professional zoom with five-step image stabilization.
- **XF1.4X TC WR**: Enhances the reach of selected XF lenses.
- **XF2X TC WR**: Enhances the reach of selected XF lenses.
- **M MOUNT ADAPTER**: Converts M Mount lenses to the X Mount.

**SINGLE FOCAL LENGTH LENSES**

- **XC16-50mmF3.5-5.6 OIS PZ**: A compact lightweight power zoom lens.
- **XC16-50mmF3.5-5.6 OIS II**: High quality. Wide zoom covering a wide range of shooting options.
- **XC50-230mmF4.5-6.7 OIS II**: 4.6x zoom covering a wide range of shooting options.
- **XF1.4X TC WR**: Enhances the reach of selected XF lenses. Converts M Mount lenses to the X Mount.
**SPECIFICATION**

**Number of recorded pixels**
- **Continuous shooting**
  - AF frame selection
  - Speed for flash
  - Electronic shutter: E-front + Mechanical + E-front + Mechanical

**AF frame selection**
- P mode: 4sec. to 1/32000sec.
- A mode: 30sec. to 1/32000sec.
- S/M mode: 15min. to 1/32000sec.
- Bulb mode: up to 60min.

**Flash**
- **Flash modes**
  - TTL (TTL AUTO (P mode) / STANDARD / SLOW SYNC.) / MANUAL / COMMANDER / OFF (When EF-X8 is set)

**ISO restriction**
- AUTO, 100%, 200%, 400%, 800%, 1600%, 3200%, 6400%

**Dynamic range setting**
- STRONG, WEAK, OFF

**Grain effect**
- B & W Adjustment: -9~+9
- Black & White+R Filter, Black & White+G Filter, Sepia, ACROS, ACROS+Ye Filter, ACROS+R Filter, ACROS+G Filter

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

**Memory card**
- SD memory card (~2GB) / SDHC memory card (~32GB) / SDXC memory card (~512GB)
- UHS-I / UHS-II / Video Speed Class V90

**Image sensor**
- 23.5mm×15.6mm (APS-C) X-Trans CMOS 4 with primary color filter

**Electrical Shutter**
- Approx. 10fps [Only electronic shutter, 1.25x Crop] max. 10 frames while half press, max. 300 frames after full press, total max. 310 frames
- Approx. 20fps [Only electronic shutter, 1.25x Crop] max. 20 frames while half press, max. 37 frames after full press, total max. 57 frames
- Approx. 11fps
  - JPEG: 145 frames
  - Lossless compression RAW: 42 frames
  - Uncompressed RAW: 36 frames

**Synchronized shutter**
- 1/250sec. or slower

**Video recording**
- [4K (3840×2160)]
  - 59.94p / 50p / 29.97p / 25p / 24p / 23.98p
  - 400Mbps / 200Mbps / 100Mbps
  - 59.94p: up to approx. 20min.
  - 29.97p / 25p / 24p / 23.98p: up to approx. 30min
- *DCI4K 59.94p/50p is not available when H.264 is selected.
- *For recording movies in 400Mbps, use a SD memory card with Video Speed Class 60 or higher.

**Exif 2.3**
- A digital camera file format that contains a variety of shooting information for optimal printing.

**Focus Bracketing**
- Frames: 1 ~999, Step: 1 ~10, Interval: 0 ~10s

**Flash Bracketing**
- ±1, ±2, ±3

**White Balance Bracketing**
- Bracketing (±1, ±2, ±3)

**ISO**
- 80 / 100 / 125 / 25600 / 51200

**Extended output**
- Yes (Setting: Interval, Number of shots, Starting time)

**Interval timer shooting**
- 10sec. / 2sec.

**Self-timer**
- 2sec. / 10sec. / 12sec. / 20sec. / 30sec. / 1min. / 2min. / 3min. / 5min. / 8min. / 10min. / 15min. / 30min. / 60min.

**AF**
- **AF frame selection**
  - 3×3 / 5×5 / 7×7 from 91 areas on 13×9 grid
  - Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)

**Metering**
- TTL 256-zone metering, Multi / Spot / Average / Center Weighted

**Exposure control**
- AUTO, 100%, 200%, 400%, 800%, 1600%, 3200%, 6400%

**File format**
- JPEG, RAW, Lossless compression RAW, Uncompressed RAW

**File size**
- JPEG: 145 frames
- Lossless compression RAW: 42 frames
- Uncompressed RAW: 36 frames

**File size**
- JPEG: 79 frames
- Lossless compression RAW: 36 frames
- Uncompressed RAW: 34 frames

**Movie recording**
- [4K (3840×2160)]
  - 59.94p / 50p / 29.97p / 25p / 24p / 23.98p
  - 400Mbps / 200Mbps / 100Mbps
  - 59.94p: up to approx. 20min.
  - 29.97p / 25p / 24p / 23.98p: up to approx. 30min

**Starting up period**
- Approx. 0.3sec.

**Storage media**
- SD memory card (~2GB) / SDHC memory card (~32GB) / SDXC memory card (~512GB)
- UHS-I / UHS-II / Video Speed Class V90

**Dimensions**
- (W) 132.5mm × (H) 92.8mm × (D) 58.8mm (minimum depth 35.4mm)

**Weight**
- Approx. 970g (body only)

**Built-in eye sensor**
- Magnification: 0.75× with 50mm lens (35mm equivalent) at infinity and diopter set to -1m⁻¹

**Coverage of viewing area vs. capturing area**
- Approx. 100%

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

**Official website**
- F launched in early 2021.

**Infrastructure**
- Bluetooth: Ver 4.2 (Bluetooth low energy)

**Encryption**
- WEP / WPA / WPA2 mixed mode

**IEEE802.11b/g/n**
- Standard wireless protocol

**Digital interface**
- USB Type-C (USB3.1 Gen1)

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

**Operating frequency**
- 2402 ~ 2480MHz (Center frequency)

**Operating system**
- Windows 7 / 8 / 10 / Vista / XP (32-bit / 64-bit)

**Software**
- FUJIFILM X Acquire, FUJIFILM X-Trans CMOS 4, FUJIFILM X Series Application

**Accessories included**
- Cover kit specifically designed for the X-T3.
- Vertical Battery Grip VG-XT3
- Pixel Lithium Ion Battery LP-E10
- Vertical Battery Grip VG-XT3
- shoulder strap
- Battery grip (sold separately)
- Cover Kit X-Trans CMOS 4

**Card reader**
- SD memory card (~2GB) / SDHC memory card (~32GB) / SDXC memory card (~512GB)
- UHS-I / UHS-II / Video Speed Class V90

**Digital zoom**
- 10x

**Compression**
- JPEG
- RAW
- Lossless compression RAW
- Uncompressed RAW

**File format**
- JPEG, RAW, Lossless compression RAW, Uncompressed RAW

**Format**
- JPEG, RAW, Lossless compression RAW, Uncompressed RAW

**File size**
- JPEG: 79 frames
- Lossless compression RAW: 36 frames
- Uncompressed RAW: 34 frames

**Input/output**
- Multi terminal (DC IN, HDMI OUT, USB, MIC, EARPHONE OUT, VIDEO OUT, DIGITAL terminal, HDMI terminal)

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

**Exif 2.3**
- A digital camera file format that contains a variety of shooting information for optimal printing.

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

**Operating system**
- Windows 7 / 8 / 10 / Vista / XP (32-bit / 64-bit)

**Software**
- FUJIFILM X Acquire, FUJIFILM X-Trans CMOS 4, FUJIFILM X Series Application

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