A camera so versatile
there is no image you can't capture.

In order to capture all the wonder hidden in the world, this camera exploits the full potential of its incredible focal length range allowing you to capture infinite compositions. In your hand is the power to capture detail as far and wide as the eye can reach. Here is the capability to bring distant beauty close to you. And a talent for revealing exciting discoveries in the smallest subjects. All the performance you've ever wanted in a camera is built into this single instrument. Every key device is optimized and operability is taken to extremes to realize "vivid clarity over the full zoom range".

X-51
With the X-51 the world's beauty is no longer hidden from view.
24mm* Wide Angle

Loudscape shot with the wide angle lens capture edge-to-edge sharpness. Without this camera, just imagine the moments lost forever.

Optimized for exquisite detail all the way to the edge of the image.

The FUJINON Lens and the EXR-CMOS Sensor are the cutting edge of original FUJIFILM high-performance technology. These key devices have not only been adopted in the new X-E1, but also thoroughly optimized to work together, resulting in a synergy that produces high-resolution photos with exceptional resolution from the center to the edge of the image with extremely few aberrations.
The ability to bring distant beauty close to you.

624mm* 26x zoom

Telephoto shots without fear of blur. The confidence of “unshakeable” long-zoom performance. Without this camera, just imagine how many beautiful moments would be out of your reach.

Complete control of the camera, without fear of camera shake.

Equipped with a newly developed image stabilization mechanism, X-S1 effectively compensates for camera shake even when you press the shutter to capture a subject at extreme zoom.
The talent for revealing exciting discoveries in the smallest subjects.

1cm SUPER MACRO

Without this camera, just imagine the world of beauty you’d be missing right before your eyes.

Get as close as 1cm away and shoot from any angle you desire, thanks to the tilt LCD.

With Super Macro, you can bring the lens as close as 1cm from your subject. The freedom to adjust the LCD screen to any angle lets you stretch your arms down to ground level and comfortably view and compose the perfect shot.
The feel of precision zoom control and exactly the focal length you want.

Fast and precise zoom control for the wide photographic range of X-S1. X-S1 lets you fine tune every shot to perfection. In the easy-to-hold slim zoom lens barrel, the metal cam-driven zoom mechanism delivers a subtle sensation of torque for smooth and precise adjustment.
NEW FUJINON LENS

Extensive focal length range (24mm ~ 624mm*) and bright F-values (F2.8-F5.6)

Featuring a 12-group, 17-element lens configuration, the manual optical 26x zoom is a masterpiece of FUJINON technology. The extravagant adoption of high optical performance glass lens elements (aspherical, high refractive index, and ED glass lenses) make the exceptional brightness of F2.8 at wide angle and F5.6 at telephoto possible.

High image quality ensured by effective “camera shake” correction.

ED Lenses for prevention of chromatic aberrations and muddy colors.

In order to minimize chromatic aberration which occurs when taking telephoto shots with a long zoom lens, two ED lenses made of extra-low dispersion glass have been adopted in the lens configuration. Adoption of these large-diameter ED lens in the first lens group reduces axial chromatic aberration that can occur at high zoom settings.

Super EBC for High Image Quality with Exceptional Clarity

Lens elements have been treated with FUJINON's originally developed multi-layer Super EBC (Extraordinary Beam Coating), a process that reduces ghosting and flare, and delivers superb clarity even under severe shooting conditions.

9-blade aperture diaphragm for an expressive “bokeh” effect

Special attention has been paid to creating a beautiful “bokeh” effect. The 9-blade aperture diaphragm lets you artistically put the focus on your subject while blurring a softly out of focus non-circular background.

ELECTRONIC VIEWFINDER [EVF]

Large High-performance EVF displays the scene in bright beautiful detail

Framing and composing shots while viewing the large 0.47-inch screen with 1,440,000-dot resolution in the X-S1 electronic viewfinder is a true pleasure. Light is captured with amazing fidelity by 2 glass lens elements and 1 aspherical lens, and the image is displayed on a bright LCD panel. The EVF boasts a wide 26° field of vision and brightness.

Even at telephoto, what you see in the viewfinder is what you get in your photo.

EXR TECHNOLOGY

12-Megapixel 2/3-inch EXR CMOS sensor

Only the EXR CMOS sensor can intelligently switch between three original technologies depending on the scene and always capture the moment in exquisite detail and with impressive image quality. Featuring FUJIFILM’s bespoke pixel array, the large 2/3-inch EXR CMOS sensor captures images with impressive resolution.

Optimization of the Sensor and Lens

Sufficient light quantity is collected not only in the center but also the periphery of the lens. This allows the sensor to be optimally used for both the image sensor and lens.

Automatically matches the scene to the most effective capture technology

Responding to lighting, distance and other conditions, the EXR CMOS sensor automatically switches to the optimum capture technology.

- High Resolution (2 Megapixel)
- Wide Dynamic Range (up to 100,000)
- High Sensitivity & Low Noise (ISO900~12800)

EXR Processor taps the full potential of the lens and sensor

Processing the vast amounts of image signal data captured by the FUJINON lens and EXR CMOS sensor with precision at high speed, FUJIFILM's originally developed EXR Processor translates the highly accurate image data into rich photographic expression.

Faster response for fleeting moments

Fast 0.3sec. auto focus, 0.15sec. near-distant shutter time lag and fast 0.6sec. camera starting. Every facet of operation is accelerated so you will never miss a shot.

High quality Full HD movie

Capture all the action in full 1920p HD (1080p x 24 High Profile), like the manual focus to add the professional touch of optical-flicker slits by freezing and other special effects to your movie. While shooting movies, you can use manual focus for a creative touch or capture still photos without interrupting movie shooting.

12 Megapixel High-speed Continuous Shooting

High-speed continuous shooting lets you capture moving subjects and other action packed at 7 frames per second at full 12-megapixel resolution (4000, 12000 pixels) for even faster shots at a maximum of 10 frames per second.

Explore Photographic Expression with FUJIFILM’s Film Simulation Modes

Familiarly reproducing the distinctive colours and qualities of FUJINON lenses by professional photographers, Film Simulation also lets you select from various Black & White modes.

*5Stop equivalent OIS status, illustrations, drawings and other images in this document are intended for illustrative purposes only.
X-S1 PERFORMANCE

Control comes naturally as the rich functionality X-S1 travels with you into new realms of photography.

Precision Grip of All-Metal Dials
Precision milled from solid metal, the mode and command dials not only ensure the high-quality look, but also respond to your touch with just the right amount of torque resistance and a satisfying “click” sensation.

All-Metal Lens Hood for the Look and Feel of Quality
The pursuit of premium quality extends to the high-precision finish of the all-metal Lens Hood and Lens Ring, adding to the pleasure of ownership.

Leather-like Rubber Coating
Coated in a leather-like texture for a high-quality finish, the X-S1 welcomes your hands with a comfortable and sure grip.

Large 3.0-inch TILT LCD
Featuring freedom of a large “tilting” 3.0-inch LCD, X-S1 lets you shoot from close to the ground or above your head. When shooting in bright outdoor conditions, the built-in Monitor Brightness mode displays a clear view of the scene for comfortable composition.

"Made in Japan", the Mark of Premium Quality
Each and every part of this camera is the result of high precision engineering and the highest quality standards.

Flash
Superb flash performance even close up. Simultaneously boosting and reducing the flash remarkably, the flash system is now capable of flash output equivalent to a 155mm focal length.

Multi-function Mode Dial
2 Fn Buttons for Assignment of Frequently Used Functions
Customize operation with smooth one-touch control during shooting, just by assigning frequently used functions to two multifunction buttons (Fn1/Fn2).

Save Custom settings
Create, save and assign custom settings to the Custom Mode (C1/C2/C3) with the Mode Dial for instant recall of user-defined settings from ISO sensitivity to white balance.

High-Speed Continuous Shooting & Bracketing Functions
Shoot at a maximum burst speed of 10 frames per second. Even at full 12-megapixel 1" APS-C resolution, X-S1 captures the action at amazing 7 frames per second. In addition, 4 different auto-bracketing functions (AE, ISO Sensitivity, Dynamic Range and Film Simulation) for a range of photographic expressions.

EXR AUTO
Automatic recognition and optimised settings for 99 shooting patterns.
Motion Panorama 360
Immerse yourself in 360° Panoramic Photos. Shoot panoramic sequences up to 360°. Later on your computer, the ends of the images are stitched together for enjoyment of a seamless circular view.

RAW
RAW Button
One touch lets you switch to JPEG or RAW and capture the next scene in both formats.

In-camera RAW Converter
This built-in function “develops” your captured RAW data into an image in the camera, eliminating the need to transfer data to a PC to convert, edit and view your results. The RAW Converter not only reflects account exposure compensation, white balance and other camera settings, but also applies Film Simulation modes.

Focusing
Focus Mode Selector
The focus mode selector lever on the front of the camera allows you to switch between Single/AFL/AFC (Continuous AF and MF) Manual.

Selectable AF with a 99-point Mapping Matrix
Focusing can be switched while long distances are critical to the mapping of the focusing area to instantly focus.

High-speed Auto Focus
The high-speed signal readout of the fast EXR CPU and the fast processing speed of the EXR Processor drives the incredibly fast contrast detection AF performance.

Manual Focus
While checking the images in Live View, rotate the focus ring for precise focus.

White Balance
Traditional Auto White balance users can choose from 4 preset modes to suit the environment: preset designed for different light sources or select the optimum Kelvin value.

Battery
A rechargeable NP-W126 Lithium-ion battery delivers up to 440 shots when composing and viewing with the LCD and a maximum of 100 shots when only the EVF is used.
**SPECIFICATIONS**

**X-S1**

- **Number of effective pixels**: 12.0 million pixels
- **Image sensor**: 2/3-inch EXR CMOS with primary color filter
- **Storage media**: Internal memory (approx. 26 MB), SD / SDHC / SDXC (UHS-I) memory card *1
- **File format**: Still images JPEG (Exif Ver 2.3), RAW (RAF format), RAW+JPEG
- **Number of recorded pixels**:
  - <L: approx. 4000 x 3000> <S: approx. 2400 x 1800> <M: approx. 2816 x 1864> <H: approx. 2816 x 1864> <V: approx. 2112 x 1122> <T: approx. 2048 x 1153> S: approx. 2048 x 1360 <K: 1539 x 1358>
- **<Motion Panorama>**
  - 360° Vertical 11520 x 1624, Horizontal 11520 x 1080
  - 180° Vertical 5760 x 1624, Horizontal 5760 x 1080
  - 120° Vertical 3840 x 1624, Horizontal 3840 x 1080
- **Lens**
  - Name: Fujinon 26mm optical zoom lens
  - Focal length: 1:1.58-6.8mm, equivalent to 24-244mm on a 35mm camera
  - Full-aperture (telephoto) correction: F2.8-5.6 (Telephoto)
- **Digital zoom**: 12 groups, 17 lenses (4 aspherical molded lenses, 2 ED glass lenses included)
- **Aperture**: F2.8-F11 (Wide), F5.6-F11 (Telephoto)
- **Focus distance** (from lens surface)
  - Normal: Wide: Approx. 0.30m / 0.9ft. to infinity
  - Telephoto: Approx. 2.0m / 6.5ft. to infinity
  - Macro: Wide: Approx. 7cm - 3.0ft. (0.3m - 1.0ft.)
  - Telephoto: Approx. 2.0m / 6.5ft. - 11.5ft.
  - Super Macro: Approx. 1.0cm - 0.34ft. (0.4in. - 1.3in.)
- **Sensitivity**
  - AUTO / AUTO / AUTO (800) / AUTO (1600) / AUTO (3200)
  - Equivalent to ISO 100/200/320/640/1280 / M mode or lower, ISO12800 : S mode
- **Exposure control**
  - TTL, TIL, 24 zones metering, Multi, Spot, Average
- **Exposure mode**: Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
- **Shooting modes**
  - Normal, Portrait, Portrait Enhancement, Dog, Cat, Landscape, Sports, Night, Night (Tripod), Waterfalls, Sunset, Snow, Beach, Party, Flower, Text
- **Image stabilizer**: Intelligent digital zoom approx. 2x (1.4x up to 5x when combined with optical zoom)
- **Face detection**
  - Yes
- **Flash compensation**: ±2.0EV - ±2.0EV / 1/3EV step (controlled 9-blade aperture diaphragm)
- **Continuous shooting** (TOP)
  - Normal: Wide: Approx. 0.30m / 0.9ft. to infinity
  - Telephoto: Approx. 2.0m / 6.5ft. to infinity
  - Macro: Wide: Approx. 7cm - 3.0ft. (0.3m - 1.0ft.)
  - Telephoto: Approx. 2.0m / 6.5ft. - 11.5ft.
  - Super Macro: Approx. 1.0cm - 0.34ft. (0.4in. - 1.3in.)
- **Auto bracketing**
  - All Bracketing: ±0.3EV, ±0.6EV, ±1EV
  - Film Simulation Bracketing: PROVIA/STANDARD, Velvia/VIVID, ASTIA/SOFT
  - Dynamic Range Bracketing: 100%, 200%, 400%
  - ISO Sensitivity Bracketing: ±1EV, ±2EV, ±4EV
  - Tilt Frame capture: Super High: approx. 10fps / 16frames (Size M), High: approx. 7fps / 16frames (Size M/L/S), Middle: approx. 5fps / 16frames (Size L/M/S), Low: approx. 2fps / 16frames (Size L/M/S)
  - ± 3SD memory card with a class 4 write speed (4 MB/sec.) or better is recommended.
  - The frame rate varies depending on the shooting conditions or numbers of frames in continuous shooting.
- **Flash**
  - Auto Flash, Manual Flash, Slow synchro.
  - Auto flash (super intelligent flash)
  - Effective range: (ISO AUTO(800))
  - Wide: Approx. 30cm - 8.0m / 0.9ft. - 26.2ft.
  - Telephoto: Approx. 2.0m - 4.0m / 6.5ft. - 13.1ft.
- **White balance**
  - Automatic scene recognition
  - Preset: Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Custom, Color temperature selection (2,500K ~ 10,000K)
- **Self-timer**
  - 10sec./2sec. delay, Auto release
- **Red-eye removal**
- **Heat sink**
  - YES
- **Viewfinder**
  - 0.47-inch, approx. 1,440,000 dots, TFT color LCD monitor, approx. 100% coverage
  - Diopter adjustment: -5.3m (diopter)
- **LCD monitor**
  - 3.0-inch, approx. 460,000 dots, TFT color LCD monitor, approx. 100% coverage
- **Movie recording**
  - 1920 x 1080 pixels / 1280 x 720 pixels / 640 x 480 pixels (30 frames/sec.) with stereo sound
  - Optical zoom (manual) can be used.
- **Capture mode**
  - 1/3EV step (controlled 9-blade aperture diaphragm)
  - F2.8-F11 (Wide), F5.6-F11 (Telephoto)
  - F2.8-F11 (Telephoto)
- **Power supply**
  - NP-95 Li-ion battery (included)
- **Dimensions**
  - 135(W) x 107(H) x 149(D)mm / 5.3(W) x 4.2(H) x 5.9(D)in.
  - Weight: Approx. 495g / 17.5oz. (including battery and memory card)
  - Approx. 455g / 16.0oz. (Excluding battery and memory card)
- **Operating temperature**
  - 0°C - 40°C
- **Operating humidity**
  - 10% - 90% (no condensation)
- **CIPA standard**
  - 260 frames (using EVF)

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**OPTIONAL ACCESSORIES**

- Shoe Mount Flash EF-20
- Shoe Mount Flash EF-42
- Remote release RH-80

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**ACCESSORIES INCLUDED**

- Lithium battery NP-95
- Battery charger BC-85N
- Shoulder strap
- CD-ROM
- Lens cap and Lens cap cord
- Owner’s manual