

**FUJIFILM**  
Value from Innovation

# X MOUNT

L E N S E S & A C C E S S O R I E S



# The vision of the X Series, the choice for X Series owners

A collection of creativity-oriented lenses, which complement the X-Trans

CMOS sensor perfectly and eliminate the low-pass filter for ultimate sharpness.





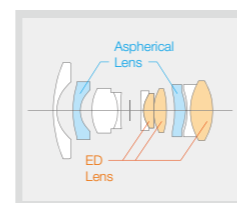
X-T10 : F16 1/125 sec. ISO200

Riley Joseph / Canada



Ben Cherry / UK

X-T1 : F4 1/170 sec. ISO1600



## XF14mmF2.8 R

ED Lens Aspherical Lens HT-EBC AF / MF STM

Lens configuration	10 elements in 7 groups (includes 2 aspherical and 3 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=14mm (21mm)
Angle of view	90.8°
Max. aperture	F2.8
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (19 steps)
Focus range	Normal : 30cm - ∞ Macro : 18cm - ∞
Max. magnification	0.12x
External dimensions	∅65.0mm x 58.4mm
Weight	235g (excluding caps and hoods)
Filter size	∅58mm

High resolving power across the frame from the centre to the edges.

This ultra-wide-angle lens, which has a diagonal angle of view greater than 90°, produces extraordinary images. Distortion has been kept to a measured value of zero, with sharpness right across the frame, even when the subject is near the edges. Ideally suited to landscape and architectural photography, the minimum working distance of 18cm also enables close-up shots. Plus, the distance indicator and depth-of-field scale for pre-focusing in MF mode mean it's great for quick snapshots, too

NEW

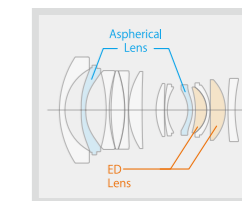
## XF16mmF1.4 R WR

ED Lens Aspherical Lens HT-EBC AF / MF Nano GI Coating WR/-10°C Floating Focus

Lens configuration	13 elements in 11 groups (includes 2 aspherical and 2 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=16mm (24mm)
Angle of view	83.2°
Max. aperture	F1.4
Min. aperture	F16
Aperture control Number of blades	9 (rounded diaphragm opening)
Stop size	1/3EV (22 steps)
Focus range	15cm - ∞
Max. magnification	0.21x
External dimensions	∅73.4mm x 73.0mm
Weight	375g (excluding caps and hoods)
Filter size	∅67mm

Fast aperture ultra wide-angle lens A dramatic field of view to push your photography further

With a focal length of 24mm (35mm format equivalent) and a maximum aperture of F1.4, this lens can be used to create dynamic images. It's perfect for low-light photography such as evening or night scenes, and despite being a wide-angle lens, the F1.4 maximum aperture delivers strong bokeh effects. With a minimum working distance of 15cm, high-speed autofocus, a weather and dust-resistant construction that can work in temperatures as low as -10°C, and great portability thanks to its compact size, it offers endless shooting opportunities.





X-E1 : F2.8 1/1100 sec. ISO640

Tomasz Lazar / Poland



X-E2 : F1.6 1/320 sec. ISO200

Toshimitsu Takahashi / Japan



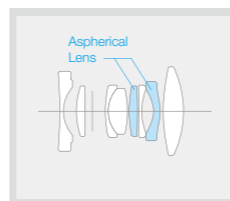
## XF18mmF2 R

Focusing ALG Aspherical Lens HT-EBC

Lens configuration	8 elements in 7 groups ( includes 2 aspherical elements )
Focal length (35mm format equivalent)	f=18mm (27mm)
Angle of view	76.5°
Max. aperture	F2.0
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (19 steps)
Focus range	Normal: 0.8m - ∞ Macro: 18cm - 2.0m
Max. magnification	0.14x
External dimensions	∅64.5mm x 33.7mm
Weight	116g (excluding caps and hoods)
Filter size	∅52mm

A great all-rounder with a useful field of view, great sharpness and rich tonality for perfect landscapes and portraits.

This highly portable, easy-to-handle wide-angle lens has a field of view equivalent to 27mm in the 35mm film format so it's perfect for landscapes, general snapshots and, by virtue of the 18cm minimum focusing distance, close-ups. The outstanding sharpness, combined with the maximum aperture of F2 for silky bokeh also makes it suitable for portraiture; the lens' small size means your subjects won't feel intimidated.



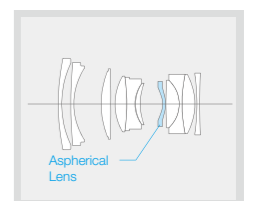
## XF23mmF1.4 R

Aspherical Lens HT-EBC AF / MF

Lens configuration	11 elements in 8 groups ( includes 1 aspherical elements )
Focal length (35mm format equivalent)	f=23mm (35mm)
Angle of view	63.4°
Max. aperture	F1.4
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (22 steps)
Focus range	Normal: 0.6m - ∞ Macro: 28cm - ∞
Max. magnification	0.1x
External dimensions	∅72.0mm x 63.0mm
Weight	300g (excluding caps and hoods)
Filter size	∅62mm

A fast aperture lens the offers beautiful bokeh and has a natural field of view that's great for documentary images.

This wide-angle lens is perfect for capturing everyday life. The field of view equivalent to 35mm in the 35mm film format captures both subject and its surroundings for superb documentary images and despite offering a fast maximum aperture of F1.4, it weighs just 300g. It is also ideal for portraiture with smooth bokeh, hand-held shots in low light, and close-ups of food and small accessories when used with the camera's Macro mode. Using the distance indicator and depth-of-field scale to pre-focus in MF mode makes it ideal for capturing quick snaps, too





X-T1 : F5.6 1/100 sec. ISO200

Zack Arias / U.S.A.



X-T10 : F2 1/125 sec. ISO800

Norifumi Inagaki / Japan

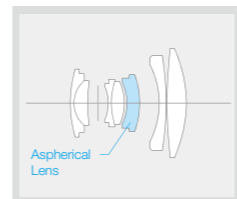


## XF27mmF2.8

Aspherical Lens HT-EBC

Lens configuration	7 elements in 5 groups ( includes 1 aspherical elements )
Focal length (35mm format equivalent)	f=27mm (41mm)
Angle of view	55.5°
Max. aperture	F2.8
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (16 steps)
Focus range	Normal:0.6m-∞ Macro:34cm-∞
Max. magnification	0.1x
External dimensions	φ61.2mm x 23.0mm
Weight	78g (excluding caps and hoods)
Filter size	φ39mm

At just 78g, this is the lightest lens in the X-series. Use it with a compact and lightweight camera for the perfect 'go anywhere' outfit.



A highly versatile lens, with a focal length equivalent to 41mm in the 35mm film format. It produces extremely sharp images even at its maximum aperture, despite its compact form factor. AF performance is also exceptional. Combine it with a compact and lightweight camera body, such as the X-M1, to create a system that combines portability and fast response – perfect not only for snapshots, but also a range of other subjects including portraits, landscape and architecture.

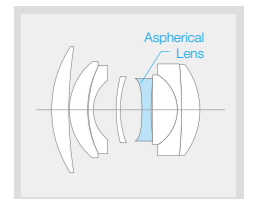


## XF35mmF1.4 R

Focusing ALG Aspherical Lens HT-EBC

Lens configuration	8 elements in 6 groups ( includes 1 aspherical element )
Focal length (35mm format equivalent)	f=35mm (53mm)
Angle of view	44.2°
Max. aperture	F1.4
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (22 steps)
Focus range	Normal:0.8m-∞ Macro:28cm-2.0m
Max. magnification	0.17x
External dimensions	φ65.0mm x 50.4mm
Weight	187g (excluding caps and hoods)
Filter size	φ52mm

A high-performance standard lens with incredible definition, even when shooting wide open.



This lens delivers images with amazing clarity, even with the aperture wide open at F1.4. All the lens groups are shifted together during focusing to minimize aberration changes whether working close-up or at infinity. This unique design delivers images in which the focus is blended with smooth bokeh in out of focus areas. Offering a focal length equivalent to 53mm in the 35mm film format, it is a must-have optic for all X-Series owners.



X-T1 : F1.2 1/180 sec. ISO400

Bobbie Lane / U.S.A.

XF56mmF1.2 R



X-M1 : F8 1/70 sec. ISO800

Christian Fletcher / Australia



XF56mmF1.2 R APD



XF56mmF1.2 R

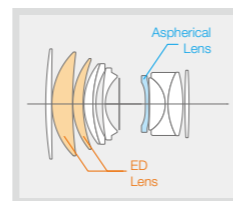


## XF56mmF1.2 R APD / XF56mmF1.2 R

ED Lens Aspherical Lens HT-EBC APD Filter

Lens configuration	11 elements in 8 groups (includes 1 aspherical and 2 extra-low dispersion elements+APD Filter)
Focal length (35mm format equivalent)	f=56mm (85mm)
Angle of view	28.5°
Max. aperture	F1.2
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (23 steps) *1/2EV, from max.aperture to next step, only
Focus range	Normal: 0.7m - ∞ Macro: 0.7m -3m
Max. magnification	0.09 x
External dimensions	∅73.2mm x 69.7mm
Weight	405g (excluding caps and hoods)
Filter size	∅62mm

A fast aperture medium-telephoto lens that offers both stunning sharpness and beautiful bokeh.

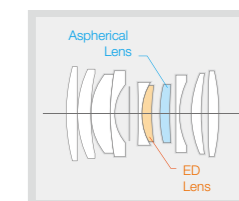


Featuring a maximum aperture of F1.2, this lens delivers beautiful bokeh and a medium telephoto focal length equivalent to 85mm in the 35mm film format. Images are extremely sharp even with the aperture wide open. The apodization (APD) version delivers even smoother bokeh with rich tonality. This ability to produce the ultimate bokeh so your subject stands out makes this lens ideal for portraits, as well as a range of other subjects.

## XF60mmF2.4 R Macro

ED Lens Aspherical Lens HT-EBC

Lens configuration	10 elements in 8 groups (includes 1 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=60mm (91mm)
Angle of view	26.6°
Max. aperture	F2.4
Min. aperture	F22
Aperture control Number of blades	9 (rounded diaphragm opening)
Stop size	1/3EV (20 steps)
Focus range	Normal: 0.6m - ∞ Macro: 26.7cm - 2.0m
Max. magnification	0.5x
External dimensions	∅64.1mm x 63.6mm
Weight	215g (excluding caps and hoods)
Filter size	∅39mm



A supremely sharp medium telephoto macro lens with a minimum working distance of 26.7cm and 0.5x maximum magnification.

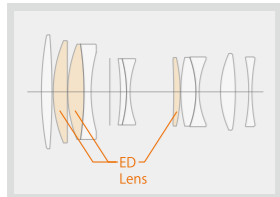
This medium telephoto lens produces outstanding macro images. The use of one aspherical and one extra-low dispersion element effectively controls various aberrations, such as field curvature and chromatic aberration, plus all the lens groups are shifted together during focusing to achieve the highest level of sharpness in the X-series line up. As well as being perfect for close-ups, it can also be used for many other medium telephoto applications, with the F2.4 maximum aperture delivering smooth bokeh.

NEW

# XF90mmF2 R LM WR

ED Lens HT-EBC AF / MF WR/-10°C Quad LM

Lens configuration	11 elements in 8 groups ( includes 3 extra-low dispersion elements )
Focal length (35mm format equivalent)	f=90mm (137mm)
Angle of view	17.9°
Max. aperture	F2
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV ( 19 steps )
Focus range	0.6m - ∞
Max. magnification	0.2x
External dimensions	∅ 75.0mm x 105mm
Weight	540g ( excluding caps and hoods )
Filter size	∅62mm



Fast aperture telephoto lens:  
it delivers razor-sharp,  
bokeh-rich images  
for the ultimate optical performance.

The rounded aperture blades combined with an optical construction of 11 elements in 8 groups, including three ED (extra low-dispersion) elements designed to minimize vignetting, creates beautiful circular bokeh right to the edge of the image. At approx. 540g, the lens is compact, portable and offers a wide shooting range from 0.6m to infinity. Thanks to the newly developed Quad Linear Motor, it delivers high-speed autofocus, and features a weather and dust-resistant construction for maximum versatility.



Bert Stephani / Belgium

X-T1 : F2 1/500 sec. ISO200



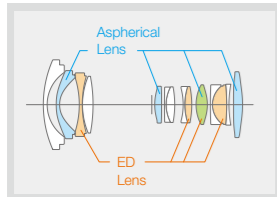
# XF10-24mmF4 R OIS

ED Lens Aspherical Lens HT-EBC OIS STM

Tsutomu Endo / Japan

X-T1 : F5.6 15 sec. ISO400

Lens configuration	14 elements in 10 groups (includes 4 aspherical and 4 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=10-24mm (15-36mm)
Angle of view	110°-61.2°
Max. aperture	F4
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (16 steps)
Focus range	Normal: 0.5m - ∞ Macro: 24cm - ∞
Max. magnification	0.16x (Telephoto)
External dimensions	∅78mm x 87mm (Wide) / 87mm (Telephoto)
Weight	410g (excluding caps and hoods)
Filter size	∅72mm



An ultra-wide angle to wide angle zoom, ideally suited to indoor shoots and any situation where space is tight.

An ultra-wide angle zoom offering a 90 degree\* horizontal field of view and covering focal lengths equivalent to 15 to 36mm in the 35mm film format. The 10mm setting is perfect for indoor shots when you cannot move very far from your subject, plus its resolving power also makes it the perfect lens to capture vast wilderness or architecture. The 24mm setting is great for portraiture and general snapshots.\* When the aspect ratio is 3:2





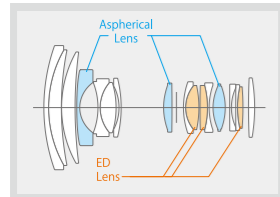
# XF16-55mm F2.8 R LM WR

ED Lens Aspherical Lens HT-EBC Nano GI Coating LM WR/-10°C

Dave Kai Piper / UK

X-T1 : F8 1/60 sec. ISO250

Lens configuration	17 elements in 12 groups (includes 3 aspherical and 3 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=16-55mm (24-84mm)
Angle of view	83.2°-29°
Max. aperture	F2.8
Min. aperture	F22
Aperture control	Number of blades: 9 (rounded diaphragm opening)
Stop size	1/3EV (19 steps)
Focus range	Normal: 0.6m - ∞ Macro: [Wide] 0.3m - 10m [Telephoto] 0.4m - 10m
Max. magnification	0.08x (Wide) 0.16x (Telephoto)
External dimensions	∅ 83.3mm x 106.0mm (Wide) / 129.5mm (Telephoto)
Weight	655g (excluding caps/hood)
Filter size	∅ 77mm



Offering image quality, versatility and reliability, this is the perfect standard zoom lens.

A premium lens that combines the convenience of a zoom with image quality on par with prime lenses. Featuring a maximum aperture of F2.8 across its zoom range, it delivers edge-to-edge sharpness, even on the wide angle end. The newly-developed Nano GI coating controls ghosting and flare, while the focal lengths equivalent to 24mm to 84mm in the 35mm film format cover a wide range of shooting options, including landscapes and portraits. Furthermore, the dust-resistant, splash-resistant and low-temperature resistant design means it can be relied on to produce great results in a wide range of conditions.



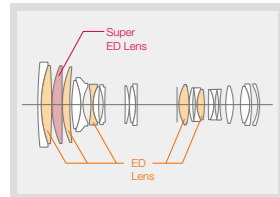
# XF50-140mmF2.8 R LM OIS WR

Super ED Lens Nano GI Coating Triple LM OIS WR/-10°C

Jára Sijka / Czech

X-T10 : F4 1/125 sec. ISO500

Lens configuration	23 elements in 16 groups ( includes 6 extra-low dispersion elements incl.1 super ED lens )
Focal length (35mm format equivalent)	f=50-140mm ( 76-213mm )
Angle of view	31.7°-11.6°
Max. aperture	F2.8
Min. aperture	F22
Aperture control Number of blades	7 ( rounded diaphragm opening )
Stop size	1/3EV ( 19 steps )
Focus range	Normal:1m - ∞ Macro: 1m - 3m
Max. magnification	0.06x( Wide ) 0.12x( Telephoto )
External dimensions	∅ 82.9mm ( Wide ) / 175.9mm ( Telephoto )
Weight	995g ( excluding caps/hood/tripod mount )
Filter size	∅ 72mm



Packing a premium optical performance,  
yet weighing less than 1kg,  
this rugged telephoto zoom is ready for anything.

With a telephoto range equivalent to 76mm to 213mm in the 35mm film format this lens, which offers a constant F2.8 maximum aperture, is suitable not only for portraiture, but also for fast-moving subjects such as sports, animals, and more. It features six ED elements, including one Super ED lens element, for superb results. An image stabilization system equivalent to five shutter speed stops is also featured for shake-free results, while the triple-linear AF motor maximises focusing performance. The dust-resistant, splash-resistant and low-temperature resistant design also ensures it can be used in almost any shooting conditions.





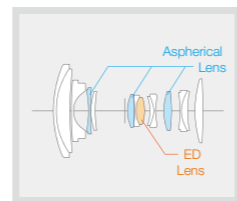
X-Pro1 : F5 1/17 sec. ISO200

Afton Almaraz / U.S.A.



X-T1 : F5 1/1600 sec. ISO500

Masaaki Aihara / Japan



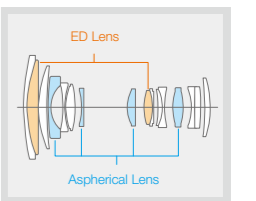
## XF18-55mm F2.8-4 R LM OIS

- ED Lens
- Aspherical Lens
- HT-EBC
- OIS
- LM

Lens configuration	14 elements in 10 groups (includes 3 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=18-55mm (27-84mm)
Angle of view	76.5°-29.0°
Max. aperture	F2.8-F4.0
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (19 steps)
Focus range	Normal: 0.6m - ∞ (whole zoom position) Macro: [Wide] 30cm - 10m [Telephoto] 40cm - 10m
Max. magnification	0.15x (Telephoto)
External dimensions	φ 65.0mm x 70.4mm (Wide) / 97.9mm (Telephoto)
Weight	310g (excluding caps and hoods)
Filter size	φ 58mm

A compact, lightweight standard zoom lens covering a popular focal range.

This standard zoom lens covers the most frequently-used focal lengths, equivalent to 27mm to 84mm in the 35mm film format. Despite its extremely light weight and compact design it offers a variable maximum aperture of F2.8 to F4 and uses a linear motor for fast and silent AF. Image stabilization is also provided for great results in low light conditions. Suitable for a wide range of subjects, this highly portable and easy to use lens produces great sharpness and beautiful bokeh at the same time.



## XF18-135mm F3.5-5.6 R LM OIS WR

- ED Lens
- Aspherical Lens
- HT-EBC
- OIS
- LM
- WR

Lens configuration	16 elements in 12 groups (includes 4 aspherical and 2 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=18-135mm (27-206mm)
Angle of view	76.5°-12°
Max. aperture	F3.5-F5.6
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (17 steps)
Focus range	Normal: 0.6m - ∞ Macro: 0.45m - ∞
Max. magnification	0.27
External dimensions	φ 75.7mm x 97.8mm (Wide) / 158mm (Telephoto)
Weight	490g (excluding caps and hoods)
Filter size	φ 67mm

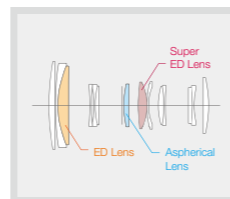
Featuring five steps of optical image stabilization, this all-weather zoom lens covers wide angle to telephoto focal lengths so you can seize every photo opportunity.

This lens covers a wide range of focal lengths, from wide-angle (equivalent to 27mm in the 35mm film format) through a standard field of view to telephoto, so it's suitable for anything from landscapes and architecture to portraits and sports photography. The dust-resistant and splash-resistant lens also features an image stabilization function for added reliability. An ideal alternative to prime lenses, ensuring you'll never miss a shot through changing lenses.



X-T1 : F5.6 1/1900 sec. ISO1600

Chris Weston / UK



## XF55-200mm F3.5-4.8 R LM OIS

Super ED Lens Aspherical Lens HT-EBC LM OIS

Lens configuration	14 elements in 10 groups (includes 1 aspherical and 2 extra-low dispersion elements incl. 1 super ED lens)
Focal length (35mm format equivalent)	f=55-200mm (84-305mm)
Angle of view	29.0°-8.1°
Max. aperture	F3.5-F4.8
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (17 steps)
Focus range	Normal: 1.1m - ∞ Macro: 1.1m - 3m
Max. magnification	0.18x (Telephoto)
External dimensions	∅ 75mm x 118mm (Wide) / 177mm (Telephoto)
Weight	580g (excluding caps and hoods)
Filter size	∅ 62mm

Bring your subjects closer with this highly portable telephoto zoom.

This telephoto zoom covers focal lengths equivalent to 84mm to 305mm in the 35mm film format and has a fast aperture of F3.5 to F4.8 despite its portable size. Optically, it uses a Super ED lens element, which is comparable to a fluorite lens, to thoroughly eliminate chromatic aberration and deliver outstanding picture quality. Sharp and clear images are obtained throughout its zoom range, even with the aperture wide open. The HT-EBC coating maintains strong contrast even against backlight, while the image stabilization function – equivalent to 4.5 shutter speed stops – and fast autofocus with the linear motor ensure shooting is quick and easy.

## XC16-50mm F3.5-5.6 OIS II

ED Lens Aspherical Lens HT-EBC OIS STM

Lens configuration	12 elements in 10 groups (includes 3 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=16-50mm (24-76mm)
Angle of view	83.2°-31.7°
Max. aperture	F3.5-F5.6
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (17 steps)
Focus range	Normal: 0.6m - ∞ (whole zoom position) Macro: [Wide] 0.15m - 10m [Telephoto] 0.35m - 10m
Max. magnification	0.2x (Wide)
External dimensions	∅ 62.6mm x 65.2mm (Wide) / 98.3mm (Telephoto)
Weight	195g (excluding caps and hoods)
Filter size	∅ 58mm

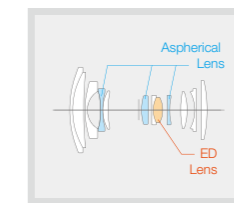
A great value zoom lens with image quality approaching that of top-end models.

This standard zoom lens can be used to shoot a wide variety of subjects thanks to focal length equivalent to 24mm to 76mm in the 35mm film format. The all-glass lens groups include three aspherical elements and one extra-low dispersion element to deliver premium image quality comparable to that of the higher-end XF18-55mm lens. It also has a minimum working distance of 15cm for close-up shots.



X-A2 : F14 1/70 sec. ISO200

Gathot Subroto / Indonesia



## XC50-230mm F4.5-6.7 OIS II

ED Lens Aspherical Lens HT-EBC OIS STM

Lens configuration	13 elements in 10 groups (includes 1 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=50-230mm (76-350mm)
Angle of view	31.7°-7.1°
Max. aperture	F4.5-F6.7
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (15 steps)
Focus range	Normal: 1.1m - ∞ Macro: 1.1m - 3m
Max. magnification	0.2x (Telephoto)
External dimensions	∅ 69.5mm x 111mm (Wide) / 177mm (Telephoto)
Weight	375g (excluding caps and hoods)
Filter size	∅ 58mm

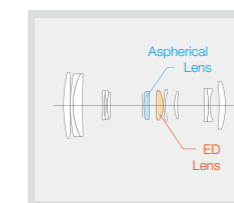
An advanced optical performance and 3.5-stop image stabilization deliver clear images across the zoom range.

This is a compact and lightweight telephoto zoom lens that offers zoom magnification of 4.6x, and covers the widest range of focal lengths in the series, equivalent to 76mm to 350mm in the 35mm film format. Its advanced optical performance across the entire range captures even distant subjects with great clarity, plus the image stabilization function minimizes camera shake. The use of a stepper motor enables smooth autofocus.



X-A2 : F6.7 1/160 sec. ISO800

GiuliaTorra / Italy



# ZEISS Autofocus lenses for X-mount

Since, 1890, innovative, leading edge ZEISS technology has inspired photographers around the globe.

World-class precision, exceptional image quality and high-grade workmanship come together perfectly in the new ZEISS Touit lenses for the Fuji X mount system.

Compact and lightweight while being robust and durable at the same time, these new ZEISS Touit lenses also offer reliable autofocus, making them the ideal companion for travel photography.



Touit 2.8/12 ( Distagon design, T\* coating )

Touit 1.8/32 ( Planar design, T\* coating )



Touit 2.8/50M ( Makro-Planar design, T\* coating )

Find more information about these lenses at  
<http://www.zeiss.co.jp/>

# X Accessories



## M Mount Adapter

The M Mount adapter lets you use an incredibly wide selection of lenses with an X Mount-equipped camera body. Made from the same high-grade metal material used in X Mount cameras and the XF lens X Mount, the adapter is engineered to ensure a high-precision fit. It also features electronic contacts for communicating signals with the camera body and a function button that lets users smoothly choose settings and functions for the mounted lens (Shoot Without Lens, focal length settings, various image corrections, etc.) \*1 Also in the case of the X-Pro1, the bright frame in the Optical Viewfinder mode changes according to the lens focal length setting for easy shooting.\*2



\*1 X-Pro1 requires firmware version 1.11 or higher.  
 \*2 The bright frame may not be displayed for lenses with certain focal lengths.

Compatible with:  
 X-Pro1/X-T1/X-T10/X-E2/X-E1/X-M1/X-A2

## Macro Extension Tube

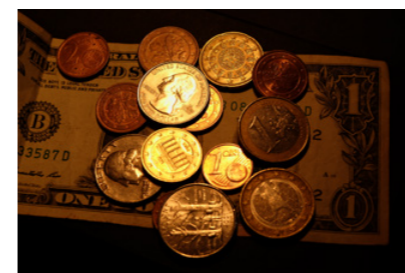
Fits between camera body and interchangeable lens to enable macro photography at a higher magnification ratio. Available in 11mm and 16mm, depending on the level of magnification required.



MCEX-11

MCEX-16

XF35mmF1.4 R (x0.17)



XF35mmF1.4 R with MCEX-11 (x0.47)



XF35mmF1.4R with MCEX16 (x0.61)



## Shoe Mount Flash

### EF-X20

A compact and stylish hot-shoe flash, powered with two AA batteries, with an easy-to-use dial to control output. The design features extensive use of metal in the exterior casing to give an added premium feel.

Compatible with: X-Pro1/X-T1/X-T10/X-E2/X-E1/X-M1/X-A2/X100S/X100/X20/X10/X-1/FinePix HS50EXR/HS30EXR/HS20EXR/S1/SL1000/SL300/X100T/X30



### EF-42

Tilt angle: 90°. Swivel angle: 180° (Left) and 120° (Right).  
Requires 4xAA batteries.

Compatible with: X-Pro1/X-T1/X-T10/X-E2/X-E1/X-M1/X-A2/X100S/X100/X20/X10/XS1/FinePixHS50EXR/HS30EXR/HS20EXR/S1/SL1000/SL300/X100T/ X30



### EF-20

Tilt angle: 90°  
Requires 2xAA batteries.

Compatible with: X-Pro1/X-T1/X-T10/X-E2/X-E1/X-M1/X-A2/X100S/X100/X20/X10/X-S1/FinePix/S50EXR/HS30EXR/HS20EXR/S1/SL1000/X100T/X30



## Remote Release

### RR-90

Compatible with: X-T1/X-T10/X-E2/X-M1/X-A2/XQ1/FinePix S1/X100T/X30



RR-90

### RR-80A

Compatible with: X-E1/X-S1/FinePixHS50EXR/HS30EXR/HS20EXR/S9100/S9000/S100FS

## Stereo Microphone

### MIC-ST1

Allows users to set the microphone level while checking the level meter on the camera. It features a 2.5mm jack, and can be fitted with a conversion adapter to connect to supported X Series models.\* The included adapter is required to convert the terminal for camera connection.

Compatible with: X-T1/X-T10/X-E2/X-E1/X100S\*/X20\*/X-S1\*/FinePix HS50EXR/X100T/X30



## Hand Grip



VG-XT1 Compatible with: X-T1

This grip has the same dust- and splash-resistant structure as the cameras in X-T1 series. It features a shutter release button, AE-L / AF-L and focus assist buttons, as well as twin command dials for excellent operability when you hold the camera vertically. The tripod mounting socket at the base of the grip is aligned with the optical axis. It houses an auxiliary battery (NP-W126) to enable the shooting of approx. 700 shots on a single charge when combined with the camera body battery.



### HG-XM1

Offering an assured hold while preventing any interference with a tripod head, this grip is ideal when the camera is fitted with a large lens. The tripod mounting socket is aligned with the optical axis and both battery and memory card can be accessed while the grip is in place.

Compatible with: X-M1/X-A2



### GB-001

This grip strap gives a more assured hold when fitted to a camera body. It can be combined with a hand grip to achieve an even higher level of stability.

Compatible with: X-T1/X-T10/X-E2/X-E1/X-M1/X-A2/X-S1/X100S/X100/FinePix HS50EXR



MHG-XT Large/Std/Small Compatible with: X-T1



### MHG-XPRO

Compatible with: X-Pro1



### MHG-XE

Compatible with: X-E2/X-E1



### MHG-XT10

Compatible with: X-T10

These grips feature a 38mm-wide quick release plate that can be directly fitted to compatible tripod mounts. The tripod mounting socket is aligned with the optical axis, plus the battery and memory card can be changed while the grip is mounted to the camera. The MHG-XT, which is designed for the X-T1, is available in three different shapes.

## Leather Case

### BLC-XT1

This half case, specifically designed for the X-T1, is made of genuine leather for a luxury feel. Users can access the SD card and battery without removing the camera from the case. It comes with a shoulder strap, also made of leather, and a wrapping cloth to cover your camera when putting it in a bag.

Compatible with: X-T1



### LC-XPro1

This half case, specifically designed for the X-Pro1, is made from genuine leather for a luxury feel.

Compatible with: X-Pro1



### BLC-XE1

This half case, specifically designed for the X-E1 / X-E2, is made from genuine leather for a luxury feel and has a contoured grip for a solid hold. Users can access the SD card and battery without removing the camera from the case, which comes supplied with a wrapping cloth for the camera.



Compatible with: X-E2/X-E1

### BLC-XM1/BLC-XT10

This half case, specifically designed for the X-M1/ X-T10, is made of genuine leather for a luxury feel. Users can access the SD card and battery, or mount the camera on a tripod without removing the camera from the case.



Compatible with: X-M1/X-A2



Compatible with: X-T10

## Protector Filter

A clear protection filter with a transmittance rate of over 99.7%. The thin, multi-layer Super EBC coating protects the lens surface without compromising its colour reproduction performance.



< Compatible Lenses >

PRF-39	XF27mmF2.8 XF60mmF2.4 R Macro	
PRF-49S		X100T/X100S/X100 (AR-X100 required)
PRF-52	XF18mmF2 R XF35mmF1.4R	X30/X20/X10 (LH-X10 required)
PRF-58	XF14mmF2.8 R XF18-55mmF2.8-4 R LM OIS XC16-50mmF4.5-6.7 OIS XC50-230mmF4.5-6.7 OIS	FinePix HS50EXR / HS30EXR / HS20EXR
PRF-62	XF23mmF1.4 R XF56mmF1.2 R /APD XF90mmF2 R LM WR XF55-200mmF3.5-4.8 R LM OIS	X-S1
PRF-67	XF16mmF1.4 R WR XF18-135mmF3.5-5.6 R LM OIS WR	
PRF-72	XF10-24mmF4 R OIS XF50-140mmF2.8 R LM OIS WR	FinePix S1(AR-S1 required)
PRF-77	XF16-55mmF2.8-4 R LM WR	

## Tethered Shooting Software

### HS-V5 for Windows® Ver.1.1

Advanced software for tethered shooting with an X-T1 or X-T1 Graphite Silver Edition. Once attached, users can control the camera with the computer, and save images direct to the hard drive. USB2.0\*2 is supported for the connectivity between the camera and the computer.



\*1  
Must be updated to the tethering-compatible firmware (Ver. 3.0 or later). Internet connection is required for downloading compatible firmware.

\*2  
A USB2.0 MicroB cable must be used for USB connection between the camera and computer.

\*HS-V5 for Windows® Ver.1.0" is a tethering software that allows users to connect X-T1\* and X-T1 Graphite Silver Edition\* to PC to directly save captured images onto PC or control the cameras from computer. The use of USB2.0 cable\*\* is supported for connection between the camera and PC.



## Others

Body Cap  
BCP-001

Lens Rear Cap  
RLCP-001

Lens Front Cap  
FLCP-77

Lens Front Cap  
FLCP-72

Lens Front Cap  
FLCP-72II

Lens Front Cap  
FLCP-67

Lens Front Cap  
FLCP-62

Lens Front Cap  
FLCP-58

Lens Front Cap  
FLCP-52

Lens Front Cap  
FLCP-39

Lens Hood Cap for 18mm  
LHCP-001

Lens Hood Cap for 35mm  
LHCP-002

# Technology < Optics >

## All-Lens-Group (ALG) Focusing

Focusing ALG

Adoption of the ALG focusing approach of moving all lens groups together minimizes aberrations and fluctuations due to the focus position and maximizes lens performance across the focus drive range. Because there is no change in the relative position of the lens groups during focusing, the in-focus plane is sharp and the description of the out-of-focus plane does not change, which means no degradation of the bokeh effect due to the focus distance. This lens design approach requires moving many lens groups and consequently a powerful driving mechanism. XF lenses adopt a high-torque DC coreless motor for exceptionally responsive performance.



XF35mmF1.4 R



## Inner Focusing

Because the weight of the elements within a lens affects auto focus speed, it makes sense for them to be as light as possible. In the zoom lenses, XF23mmF1.4 R, and XF56mmF1.2 R an internal

focusing method is used for high-speed auto focus, moving the relatively small and light-weight lens elements installed from the center to the back of the lens, to bring the subject rapidly into focus.

## Floating Focusing

Floating Focusing

High image quality throughout the focus range. The Floating Focus System is designed to deliver high image quality throughout the focus range. It uses two focus groups that work

in conjunction with each other depending on the focusing distance to correct various aberrations.

## Aspherical Lens

Aspherical Lens

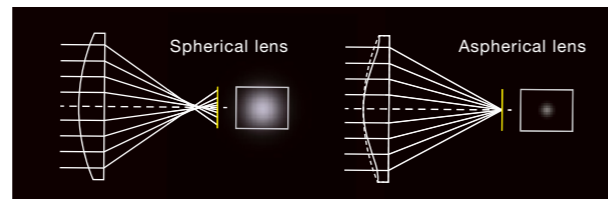
Aspherical lenses eliminate and correct aberrations to deliver premium image quality. A single aspherical lens has the effect of multiple spherical lenses, thereby reducing the total number of elements and enabling the development of more compact-sized lenses. XF/XC lenses contain aspherical lenses along with other glass elements molded in a precise metal die. This enables high-performance lens coatings to be added, such as HT-EBC, that combat flare and ghosting.



Aspherical Lens image



Metal mold for producing the aspherical lens

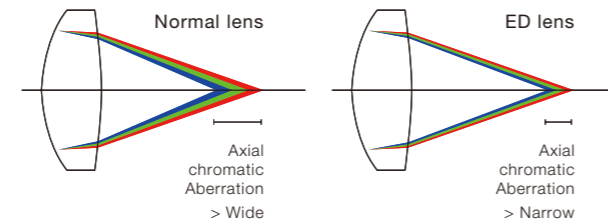


## ED / Super ED Lens

ED Lens

Super ED Lens

In the case of conventional optical glass lenses, the longer the focal length, the more difficult correction of chromatic aberration becomes. Color fringing results from light rays of different wavelengths focusing at different points. The solution is extra low dispersion glass which has different dispersion characteristics from conventional optical glass. It can correct various aberrations, produce color fringing-free quality from edge to edge, and achieve sharp high-contrast descriptive performance. ED glass lenses have superb characteristics, but their manufacture is extremely difficult, and the larger the diameter of the lens, the higher the precision of



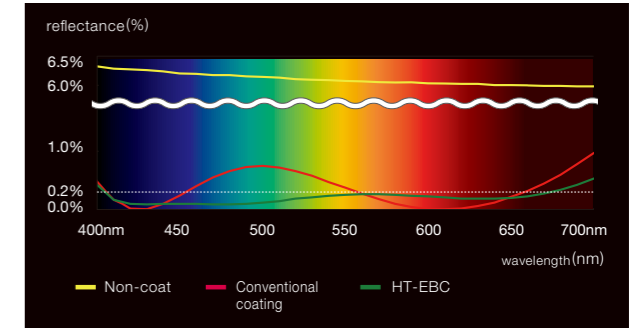
processing (polishing) technology that is demanded. The same advanced polishing technology that produces the ultra large-scale ED glass lens elements used in acclaimed Fujinon broadcast lenses is also used to create the premium XF lens.

## < Coating & Glass >

### HT-EBC (High Transmittance Electron Beam Coating)

HT-EBC

HT-EBC (High Transmittance Electron Beam Coating) is the multi-layer coating technology developed to enhance the many high-performance lens elements used in broadcast lenses. Lenses with HT-EBC boast a high transmittance (99.8%) and low reflectivity (0.2%) over a broad wavelength band and deliver uniform performance that extends to light in the visible spectrum. This high transmittance rate enables the transmission of reds, blues and other light that dramatically influence photographic expression to the sensor surface. Thanks to the excellent applicability of the process, the entire lens surface can be treated with highly durable HT-EBC, realizing high edge-to-edgetransmittance. XF lenses treated with HT-EBC are also highly resistant to ghosting and lens flares caused by stray light. For the photographer, this advanced coating technology means more freedom in selecting angles and composing the shot.

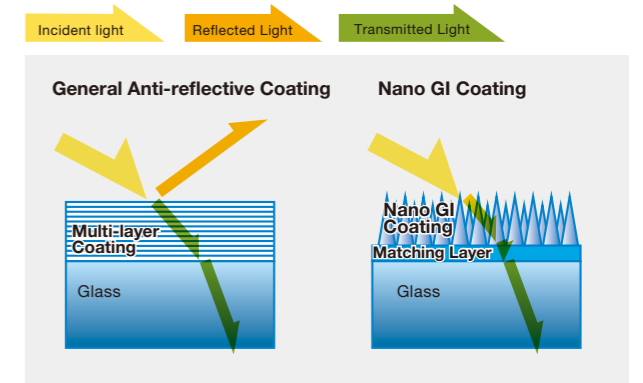


Transmittance Rate Comparison

### Nano GI Coating

Nano GI Coating

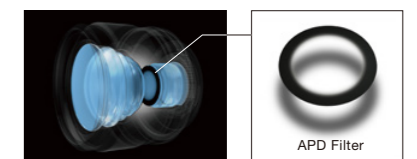
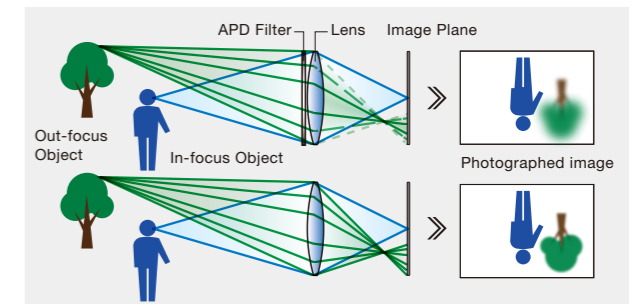
A new-generation of coating technology that reduces reflected light by placing cone-shaped "Boehmite" nanoparticles, smaller than the wavelength of visible light, over the lens surface in a moth-eye structure. The technology seamlessly adjusts the differences in the refraction index between air and glass to prevent reflections and produce clear images with reduced flare and ghosting. The use of an index-matching layer further enhances the coating's effect. This can be applied to a diverse range of glass materials with low to high refractive indices.



### APD Filter

APD Filter

An optical filter that reduces the amount of light passing through the perimeter of the lens to create silky bokeh effects. Light-absorbing nanoparticles are synthesized on thin film to create a compact and lightweight APD filter offering optimum gradation from the perimeter to the centre of an image. This filter has been introduced to the 56mm F1.2 R APD ahead of others in the lineup.



### Making Sense of lens names

To tell what a lens does and how it will help your photography, just look at the letters and numbers in its name. They have the following meanings:

- ①. Lens series (XF or XC) / ②. Focal Length / ③. Maximum aperture of the lens / ④. Presence of an aperture ring / ⑤. Refers to "Linear Motor" / ⑥. Indicates the use of an "Optical Image Stabilizer" / ⑦. Indicates Weather Resistance ability / ⑧. Indicates the Capability for Macro photography / ⑨. Refers to "APD Filter"

XF18-135mm F3.5-5.6 R LM OIS WR  
 XF60mmF2.4 R Macro  
 XF56mmF1.2 R APD

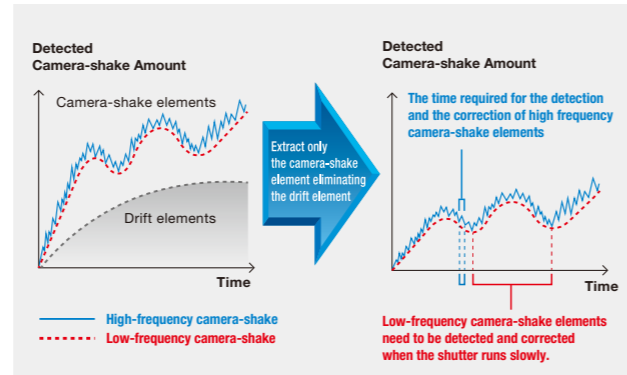
# Technology < Drive & Control >

## Image Stabilization

OIS

Fujifilm's image stabilization technology boasts the world's best performance, equivalent to over 5 stops (based on CIPA standards). It uses a high-precision gyro sensor with quartz oscillators for advanced signal-detection performance. Fujifilm's unique Drift Tracking technology, which extracts only the camera-shake elements of detected signals, enables the correction of low-frequency camera shake that occurs at slow shutter speeds.

\* "Drift" refers to low-frequency signals that occur with a gyro sensor and constitutes noise that hampers the detection of camera-shake signals.



## LM (Linear Motor)

LM

The Linear Motor technology, which directly moves lens elements in the non-contact state, enables silent operation and excellent response. XF18-55mmF2.8-4R LM OIS and XF55-200mm F3.5-4.8R LM OIS incorporates the Linear Motor technology into the focusing unit and image stabilization unit to achieve

high-speed and high-precision focusing as well as advanced image stabilization. With excellent energy efficiency, the technology demonstrates its strong benefit in video recording and other shooting conditions that involve constant lens movements.

## Triple Linear Motor

Triple LM

The Triple Linear Motor system is a new technology involving three actuators, positioned at 120 degree intervals on the optical axis, to deliver silent operation and excellent response in large-diameter lenses. Since the actuators are positioned to form

an equilateral triangle around the lens's centre of balance, the drive unit's center of balance matches the point of force. The minimal drive loss and outstanding torque deliver rapid movement of lens elements in large lenses.

## Quad Linear Motor

Quad LM

Powerful motor delivers exceptional focusing performance. This newly-developed motor uses four magnets in the focus unit to ensure the XF90mm works quickly, quietly and accurately. The smooth operation is achieved by matching the emphasis of the actuator, the gravity point of the drive unit, and the center of the guide axis that supports the focus unit.



## Stepping Motor

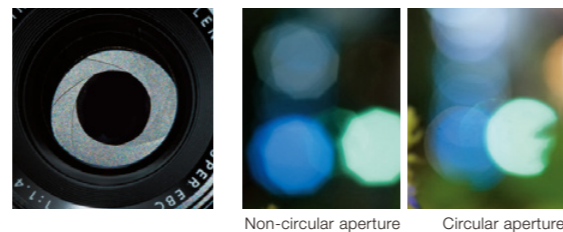
STM

Improving autofocus, the stepping motor turns one step per pulse allowing a high level of control, and because it directly drives the focus lens without using a gear, it is silent and more suitable for movie shooting. The simple structure also helps downsize the focus unit. The AF drive system of the XF 10-24mmF4 R OIS, XC 16-50mmF3.5-5.6 OIS and XC 50-230mm F4.5-6.7 OIS lenses all adopts the stepping motor.



## Circular Aperture

The beautiful bokeh effect of the XF/XC lens is a reflection of Fujifilm's uncompromising attention to the shape and the manufacture of the aperture diaphragm blades. The aperture consists of multiple diaphragm blades, which usually have an identical radius (R, angle).



## 1/3-Step Aperture Ring

For photographers who are particular about even the slightest difference in exposure and depth of the field, XF lenses let you adjust the aperture in steps of 1/3 EV. These tiny increments on a relatively small diameter lens mean that the rotation angle for each step is very small; consequently, there is a need for clear tactile confirmation of how much the aperture is adjusted as the user rotates the ring. XF lenses adopt a rotation angle of 4 degrees per 1/3 stop. Each full stop also gives a stronger clicking sensation than that of 1/3 stops, so that you can feel how much the aperture is adjusted while keeping your eye on the viewfinder. Also in the case of the zoom lens with an aperture ring that operates any focal distance setting, the enhancement of the click sensation and the setting of a slightly larger rotation angle of 6 degrees per 1/3 stop lets you shift from maximum to minimum aperture in one simple action.



## Metal Lens Barrel & Exterior Finish

The XF lenses embody premium quality. The lens barrel and exterior elements are made of high quality aluminum. Especially the finely machined rings are individually milled from a solid metal block, and every detail of every part is carefully finished to ensure comfort of operation and consistently high quality. When mounted on the body, the balance, appearance and even the way it feels when held for a shot are designed to multiply the pleasure of photography.



## Weather Resistance / Dust Resistance / Freeze Resistance

WR WR/-10°C

The lens barrel is sealed at various points to enhance its air-tightness and prevent dust and water ingress. The XF50-140mm F2.8 R LM OIS features a design that absorbs the temperature difference between the outer and inner parts of the lens to minimize the impact on optical parts and also uses electronic parts that guarantee operation in low temperatures down to -10°C.



## AF/MF Switch Mechanism with Distance Index

AF/MF

The XF14mmF2.8 R and XF23mm F1.4 R lenses have an AF/MF switch mechanism, which allows manual focusing using the lenses' distance index and depth-of-field scales by moving the focus ring back and forth. Additionally, an S-AF+MF stand-by MF mode, which allows fine adjustment using the focus ring after autofocusing without having to switch focus mode, will be available for all the XF lenses.

\*New firmware that enables stand-by MF mode for each camera body will be available from November 2014



## X MOUNT

X-mount acquired its high optical design flexibility owing to its short flange back distance and wide opening, thus achieving high resolution all the way to the edge of the image. Moreover, X Mount features 10 contact pins for communication of the unique optical profile of the mounted lens and other data to the camera body and for electronic control of the lens. Referencing these data, the camera body can perform optimum image processing and produce images with enhanced resolution and an improved S/N ratio.







↳ P.4  
Riley Joseph / Canada



↳ P.5  
Ben Cherry / UK



↳ P.6  
Tomasz Lazar / Poland



↳ P.7  
Toshimitsu Takahashi / Japan



↳ P.8  
Zack Arias / U.S.A.



↳ P.9  
Norifumi Inagaki / Japan

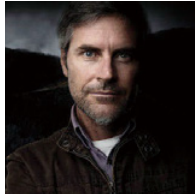


## X-Photographers

Supported by



↳ P.10  
Bobbie Lane / U.S.A.



↳ P.11  
Christian Fletcher / Australia



↳ P.12  
Bert Stephani / Belgium



↳ P.14  
Tsutomu Endo / Japan



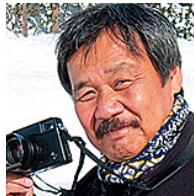
↳ P.16  
Dave Kai Piper / UK



↳ P.18  
Jára Sijka / Czech



↳ P.20  
Afton Almaraz / U.S.A.



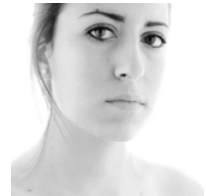
↳ P.21  
Masaaki Aihara / Japan



↳ P.22  
Chris Weston / UK



↳ P.23  
Gathot Subroto / Indonesia



↳ P.23  
Giulia Torra / Italy

Visit these links to learn what the professionals are saying about X mount lenses and X accessories and see some of the beautiful results!

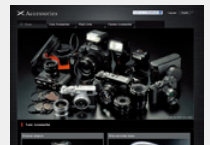
XF LENS

<http://fujifilm-x.com/xf-lens/>



X-Accessories

<http://fujifilm-x.com/accessories/>



Specifications are subject to change without notice.

For more information, please visit our website:

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