

ZEISS Lenses for Mirrorless System Cameras

Overview



ZEISS Batis | Loxia | Touit



01 | ZEISS Batis

2.8/18
2/25
2/40 CF
1.8/85
2.8/135

02 | ZEISS Loxia

2.8/21
2.4/25
2/35
2/50
2.4/85

03 | ZEISS Touit

2.8/12
1.8/32
2.8/50M

ZEISS lenses for system cameras

Overview of the most compact and high-performance lens families for mirrorless system cameras

01 |

ZEISS Batis

The Batis® autofocus lenses from ZEISS were specially developed for mirrorless full-frame system cameras from Sony. The lenses are fully compatible with all E mount cameras and offer not only fast, quiet autofocus, but also protection against dust and weather. For creative photography, the innovative OLED display shows the distance and depth of field.



	Page
2.8/18	10
2/25	12
2/40 CF	14
1.8/85	16
2.8/135	18



02 |

ZEISS Loxia

The highly compact Loxia® MF lenses from ZEISS were specially developed for mirrorless full-frame system cameras from Sony. You enjoy the combined benefits of leading-edge mirrorless, full-frame cameras and the creative possibilities of "traditional" manual focus photography. The ZEISS Loxia lenses have everything you need to create top-quality videos.



2.8/21	26
2.4/25	28
2/35	30
2/50	32
2.4/85	34



03 |

ZEISS Touit

The Touit® product family from ZEISS comprises compact autofocus lenses for mirrorless APS-C cameras with Sony E mount or Fujifilm X mount. These lightweight yet robust lenses offer outstanding image quality with these system cameras.



2.8/12	42
1.8/32	44
2.8/50M	46



Mastering every situation.

ZEISS Batis Lenses



// INSPIRATION
MADE BY ZEISS

A new era of mirrorless photography

No matter if manually or auto focused – the ZEISS Batis lenses for mirrorless full-frame system cameras from Sony take professional photography to the next level. The lens family assures outstanding image quality, innovative design and its OLED display perfectly adjusts the depth of field.

ZEISS Batis

The new era of professional photography

Take your professional photography to the next level!

The fast, quiet autofocus ensures a high-precision focus in every situation. You also benefit from excellent image performance in a compact system.

Now you are perfectly equipped for the future and next-generation photography!

Enhanced Operation

- Fast autofocus and handy focusing ring for ultra-precise manual focusing
- Distance and depth-of-field indicators with OLED display
- Fully compatible with mirrorless full-frame system cameras from Sony

Quality Workmanship

- Weather and dust protection for use in extreme conditions
- Highly robust yet lightweight housing for many years of use
- Innovative product design



To move forward with my photography, I need to abandon **old paths and embark in new directions.**

Christian Dandyk



David Clifford, ZEISS Batis 2.8/18

ZEISS Batis 2.8/18 The super wide-angle lens

This lens is ideal for achieving exceptional angles in landscape and astro photography. By virtue of the large image angle, the ZEISS Batis 2.8/18 allows you to capture high-quality architectural images with impressive interior shots – even in small spaces. It offers outstanding performance across the entire image field.



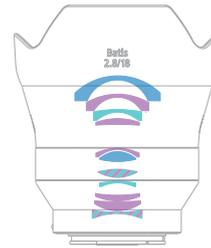
Focal length	18 mm
Aperture range	f/2.8 – f/22
Elements/groups	11/10
Focusing range m/inch	0.25 – ∞ / 9.8 – ∞
Field angle* (diag./hor./vert.)	99°/90°/67°
Coverage** mm/inch	227 × 340 / 8.94 × 13.39
Compatible with	Sony E-mount cameras***

* Based on 24 × 36 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.

Design

- Distagon® with 11 lens elements in 10 groups
- “Floating elements” design
- Lens with aspheric optical surface
- Lens made of special glass
- Aspheric elements and special glass





Christian Dandyk, ZEISS Batis 2/25

ZEISS Batis 2/25 The wide-angle lens

Define new standards in your professional landscape, architecture, street, and documentary photography. Capture impressive subjects thanks to uniform image quality throughout your pictures. This unusual wide-angle lens with excellent close-range focus opens up fully new perspectives.



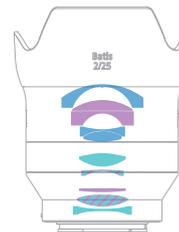
Focal length	25 mm
Aperture range	f/2 – f/22
Elements/groups	10/8
Focusing range m/inch	0.20 – ∞ / 7.9 – ∞
Field angle* (diag./hor./vert.)	82°/72°/51°
Coverage** mm/inch	124 × 187 / 4.88 × 7.36
Compatible with	Sony E-mount cameras***

* Based on 24 × 36 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.

Design

- Distagon with 10 lens elements in 8 groups
- “Floating elements” design
- Lens with aspheric optical surface
- Lens made of special glass
- Aspheric elements and special glass





Wolf-Peter Steinheißer, ZEISS Batis 2/40 CF

ZEISS Batis 2/40 CF

The versatile lens

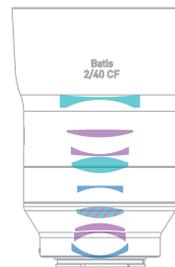
Adding this all purpose lens to your full-format camera will ensure you never miss another unique moment again. Compared to a zoom lens, the ZEISS Batis 2/40 CF (Close Focus) fixed focal length offers high speed and uncompromising image quality. The close focusing distance allows photographers to see details in a whole new way.



Focal length	40 mm
Aperture range	f/2 – f/22
Elements/groups	9/8
Focusing range m/inch	0.24 – ∞/9.45 – ∞
Field angle* (diag./hor./vert.)	56°/47°/33°
Coverage** mm/inch	79 × 117/3.1 × 4.6
Compatible with	Sony E-mount cameras***

* Based on 24 × 36 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.



Design

- Distagon with 9 lens in 8 groups
- „Floating elements“ design
- Lens with aspheric optical surface
- Lens made of special glass
- Aspheric elements and special glass



Michael Semaan, ZEISS Batis 1.8/85

ZEISS Batis 1.8/85 The telephoto lens

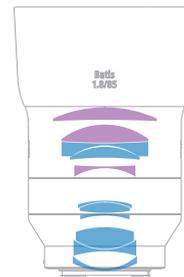
Thanks to the excellent high aperture, you can achieve a very small depth of field. Optical image stabilization also means you can produce impressive images under difficult and dynamic lighting conditions. Perfect your portrait, event, and wedding photography.



Focal length	85 mm
Aperture range	f/1.8 – f/22
Elements/groups	11 / 8
Focusing range m/inch	0.80 – ∞ / 31.5 – ∞
Field angle* (diag./hor./vert.)	29° / 24° / 16°
Coverage** mm/inch	189 × 283 / 7.44 × 11.14
Compatible with	Sony E-mount cameras***

* Based on 24 × 36 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.



Design

- Sonnar® with 11 lens elements in 8 groups
- “Floating elements” design
- Lens made of special glass

Greg Watermann, ZEISS Batis 2.8/135



ZEISS Batis 2.8/135

The medium telephoto lens

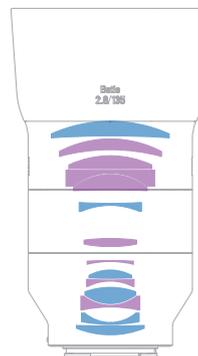
Thanks to the outstanding correction of all chromatic aberrations, the ZEISS Batis 2.8/135 is a high-performance Apo telephoto lens. As a fixed focal length in the medium telephoto range, it is much easier to handle than corresponding zoom lenses. The lens brings the distance closer and is therefore the optimum solution for medium-distance portrait photography.



Focal length	135 mm
Aperture range	f/2.8 – f/22
Elements/groups	14 / 11
Focusing range m/inch	0.87 – ∞ / 34.3 – ∞
Field angle* (diag./hor./vert.)	18° / 15° / 10°
Coverage** mm/inch	125 × 185 / 4.9 × 7.3
Compatible with	Sony E-mount cameras***

* Based on 24 × 36 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.



Design

- Apo Sonnar® with 14 lens elements in 11 groups
- “Floating elements” design
- Lens made of special glass

Technical specifications. How large, how heavy, available with which mounts? All the technical information you need is here. For more information, visit zeiss.com/photo



	Length* mm/inch	Diameter mm/inch with lens shade	Weight g/oz	Filter thread	E
Super wide-angle					
ZEISS Batis 2.8/18	95/3.7	100/3.9	330/11.6	M77 x 0.75	■
Wide-angle					
ZEISS Batis 2/25	92/3.6	81/3.2	335/11.8	M67 x 0.75	■
Standard					
ZEISS Batis 2/40 CF	106/4.2	91/3.6	361/12.8	M67 x 0,75	■
Tele					
ZEISS Batis 1.8/85	105/4.1	92/3.6	475/16.8	M67 x 0.75	■
ZEISS Batis 2.8/135	133/5.2	99/3.9	614/21.6	M67 x 0.75	■

*Length with caps.

Enjoying full creative freedom.

ZEISS Loxia Lenses



// INSPIRATION
MADE BY ZEISS

The perfect bridge between classic photography and modern technology.

Our lightweight ZEISS Loxia lenses give you the best of both worlds: the fantastic creative possibilities only offered by manual focus, and the benefits of compact, modern, mirrorless, full-frame sensor cameras from the Sony a Series. Let your creativity run free. And look forward to breathtaking images and videos.

ZEISS Loxia

Classic photography and filming

Loxia lenses from ZEISS are perfectly suited to the many strengths of Sony α series cameras. Add to that their compact size and low weight, and you have a series of lenses you can use just about anywhere for high quality photographs and films.

High precision

- Precise and durable construction, low weight
- The functionality of the ZEISS Loxia lenses is perfectly matched to the camera functions of the Sony α series

Perfect for photography and video

- High quality images thanks to proven optical design
- Automatic activation of the magnification function when turning the focus ring
- Optional switchable aperture lock, allowing for smooth adjustment in video mode
- Large focus rotation angle for the entire lens family

High quality construction

- Robust, all-metal construction for many years of use
- Easy-grip focus ring for fine manual adjustment
- A special gasket on the mount protects the connection between camera and lens
- Comes standard with a matching lens shade



Capturing pure emotion
complemented by light
is the greatest gift
I could give to a client.

Topher DeLancy



Christophe Casenave, ZEISS Loxia 2.8/21

ZEISS Loxia 2.8/21 Compact and wide-angle in one

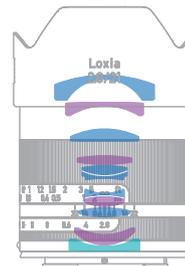
Whether architecture, landscape or also three-dimensional subjects in close-up against a spacious background – the ZEISS Loxia 2.8/21 is an absolute must for wide-angle fans who want to capture even the tiniest details of a special moment in a photo or on film.



Focal length	21 mm
Aperture range	f/2.8–f/22
Elements/groups	11/9
Focusing range m/ft	0.25–∞/9.84–∞
Field angle* (diag./horiz./vert.)	91°/81°/59°
Coverage** mm/inch	281 x 187/11.06 x 7.36
Compatible with	Sony E-mount cameras***

* Based on 35 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.



Design

- Distagon with 11 elements in 9 groups
- Lens with aspheric surface
- Lens made of special glass with anomalous partial dispersion



Bernd Ritschel, ZEISS Loxia 2.4/25

ZEISS Loxia 2.4/25 Magical settings

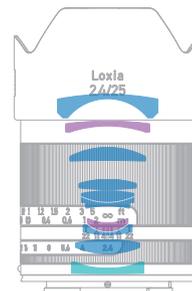
Whether you're shooting landscapes, architecture or groups of people, the exceptional image performance of the wide-angle ZEISS Loxia 2.4/25 lens makes it perfect for a whole host of applications. From photos to video: This lens strikes just the right balance between compact design and high speed.



Focal length	25 mm
Aperture range	f/2.4–f/22
Elements/groups	10/8
Focusing range m/ft	0.25–∞/9.84–∞
Field angle* (diag./horiz./vert.)	81°/71°/50°
Coverage** mm/inch	231 x 154 / 9.10 x 6.07
Compatible with	Sony E-mount cameras***

* Based on 35 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.



Design

- Distagon with 10 elements in 8 groups
- Lens with aspheric surface
- Lens made of special glass with anomalous partial dispersion



Tobias Brandstetter, ZEISS Loxia 2/35

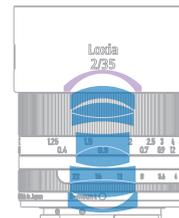
ZEISS Loxia 2/35 The subtle reporter

An extended field of view makes this versatile lens ideal for showing a subject in their environment. It's also just as good for reportage and street photography or even for portraits, detail shots and landscapes.

Focal length	35 mm
Aperture range	f/2–f/22
Elements/groups	9/6
Focusing range m/ft	0.30–∞/11.81–∞
Field angle* (diag./horiz./vert.)	63°/54°/38°
Coverage** mm/inch	210 x 139/8.28 x 5.49
Compatible with	Sony E-mount cameras***

* Based on 35 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.



Design

- Biogon® with 9 lens elements in 6 groups
- Lens made of special glass with anomalous partial dispersion



Christoph Rieß, ZEISS Loxia 2/50

ZEISS Loxia 2/50 The flexible all-rounder

Compact and light, this lens shines in many applications. Regardless of whether it's for street photography, landscapes, portraits or spontaneous discoveries, the ZEISS Loxia 2/50 is the ideal companion for photographic and filmic exploration.



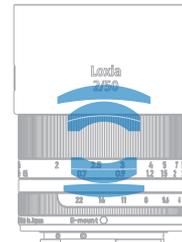
Focal length	50 mm
Aperture range	f/2–f/22
Elements/groups	6/4
Focusing range m/ft	0.45–∞/17.72–∞
Field angle* (diag./horiz./vert.)	47°/39°/27°
Coverage** mm/inch	255 x 168/10.04 x 6.61
Compatible with	Sony E-mount cameras***

* Based on 35 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.

Design

- Planar® with 6 lens elements in 4 groups





Björn Pados, ZEISS Loxia 2.4/85

ZEISS Loxia 2.4/85

The inconspicuous observer

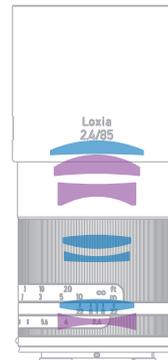
Be it a portrait or a street or landscape shot, the ZEISS Loxia 2.4/85 strikes the right balance between size and performance. You are able to perfectly isolate individual image elements – even handheld. A compact, high-performance telephoto lens that fits in with the entire camera system.



Focal length	85 mm
Aperture range	f/2.4 – f/22
Elements/groups	7 / 7
Focusing range m/ft	0.80–∞/31.49–∞
Field angle* (diag./horiz./vert.)	29°/24°/16°
Coverage** mm/inch	257.9 x 172.6/10.15 x 6.80
Compatible with	Sony E-mount cameras***

* Based on 35 mm format. **At close range.

***Sony is a registered trademark of Sony Corporation.



Design

- Sonnar with 7 elements in 7 groups
- Lens made of special glass with anomalous partial dispersion

Technical specifications. How large, how heavy, available with which mounts? All the technical information you need is here. For more information, visit zeiss.com/photo



	Length* mm/inch	Diameter mm/inch with lens shade (max.)	Weight g/oz.	Filter thread	E
Super wide-angle					
ZEISS Loxia 2.8/21	85/3.35	66/2.6	394/13.90	M52 x 0,75	■
Wide-angle					
ZEISS Loxia 2.4/25	87.6/3.45	66/2.6	393/13.86	M52 x 0.75	■
ZEISS Loxia 2/35	66/2.6	66/2.6	340/11.99	M52 x 0.75	■
Standard					
ZEISS Loxia 2/50	66.2/2.6	66/2.6	320/11.29	M52 x 0.75	■
Tele					
ZEISS Loxia 2.4/85	108/4.25	66/2.6	594/20.95	M52 x 0.75	■

*Length with caps.

Making beautiful details come to life.

ZEISS Touit Lenses



// INSPIRATION
MADE BY ZEISS

Bringing together what belongs together.

Discover the Touit lenses from ZEISS and find out how unique ZEISS quality will enable you to take full advantage of the performance offered by the mirrorless APS-C system cameras of the Sony Alpha series and the Fujifilm X series.

ZEISS Touit

Flawless image quality for compact APS-C systems

Touit lenses from ZEISS are substantially smaller and lighter than comparable SLR lenses. This makes for a lightweight, more compact kit when combined with mirrorless system cameras, and allows you to take exceptionally high-quality photos in just about any situation and at any time.

Outstanding image quality

- Excellent reflection reduction thanks to T*® anti-reflective coating from ZEISS
- Advanced stray light reduction
- Virtually circular aperture with 9 blades for especially harmonious rendition of highlights outside the focal plane

High precision

- Precise, durable and low-weight mechanical parts
- Fully compatible with all functions of the APS-C cameras from the Sony Alpha series and Fujifilm X series (including reliable autofocus)

High-quality workmanship

- Robust metal design for many years of use
- Grippy focus ring for precise manual focussing
- Innovative product design for ease of use and maximum aesthetic demands



All too often, it's the **small and intricate details** that go unnoticed.

Dr. Michael Pollmann



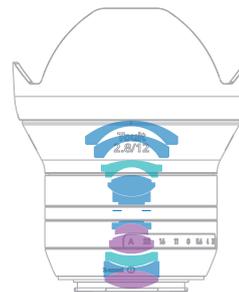
David Maupilé, ZEISS Touit 2.8/12

ZEISS Touit 2.8/12 As far as the eye can see

The combination of one of the most extreme angles with an APS-C sensor, superior imaging performance and light weight makes taking wide-angle shots with this lens even more enjoyable.

Focal length	12 mm
Aperture range	f/2.8–f/22
Elements/groups	11/8
Focusing range m/inch	0.18–∞/7.08–∞
Field angle* (diag./hor./vert.)	99°/89°/66°
Coverage** mm/inch	220 x 144/8.66 x 5.67
Compatible with	Sony E-mount/ Fujifilm cameras***

*Based on APS-C format. **At close range. ***Sony is a registered trademark of Sony Corporation. Fujifilm is a registered trademark of Fujifilm Corporation.



Design

- Distagon with 11 lens elements in 8 groups
- Floating elements design
- Lens with aspheric optical surface
- Lens made of special glass with anomalous partial dispersion



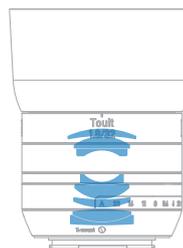
Laura Saffioti, ZEISS Touit 1.8/32

ZEISS Touit 1.8/32 Magician of the moment

Compact standard focal length with autofocus that was specially developed for compact mirrorless APS-C system cameras of the Alpha series and Fujifilm X series. Spontaneously capturing special moments in perfect quality just got a whole lot easier.

Focal length	32 mm
Aperture range	f/1.8–f/22
Elements/groups	8/5
Focusing range m/inch	0.30–∞/11.81–∞
Field angle* (diag./hor./vert.)	48°/40°/29°
Coverage** mm/inch	170 x 111/6.69 x 4.37
Compatible with	Sony E-mount/ Fujifilm cameras***

*Based on APS-C format. **At close range. ***Sony is a registered trademark of Sony Corporation. Fujifilm is a registered trademark of Fujifilm Corporation.



Design

- Planar with 8 lens elements in 5 groups



Dr. Michael Pollmann, ZEISS Touit 2.8/50M

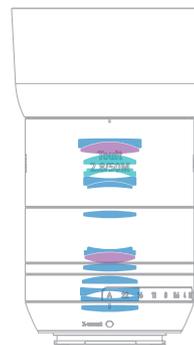
ZEISS Touit 2.8/50M A perfectionist with an eye for the details

With its exceptional image performance up to a scale of 1:1, this macro lens is the ideal choice for extreme close-ups. But it also comes into its own when shooting portraits or panoramas as a light tele-lens.



Focal length	50 mm
Aperture range	f/2.8–f/22
Elements/groups	14/11
Focusing range m/inch	0.15 – ∞/6.02 – ∞
Field angle* (diag./hor./vert.)	31°/26°/18°
Coverage** mm/inch	23.5 x 15.6/0.93 x 0.61
Compatible with	Sony E-mount/ Fujifilm cameras***

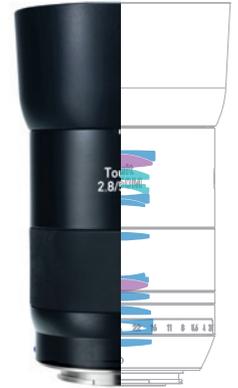
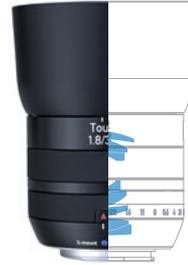
*Based on APS-C format. **At close range. ***Sony is a registered trademark of Sony Corporation. Fujifilm is a registered trademark of Fujifilm Corporation.



Design

- Makro-Planar with 14 lens elements in 11 groups
- Floating elements design
- Lens with aspheric optical surface
- Lens made of special glass with anomalous partial dispersion

Technical specifications. How large, how heavy, available with which mounts? All the technical information you need is here. For more information, visit zeiss.com/photo



	Length* mm/inch	Diameter* mm/inch with lens shade (max.)	Weight* g/oz.	Filter thread	E	X
Super wide angle						
ZEISS Touit 2.8/12	81–86/3.19–3.39	88/3.46	260–270/9.17–9.52	M67 x 0.75	■	■
Standard						
ZEISS Touit 1.8/32	72–76/2.83–2.99	75/2.95	200–210/7.05–7.41	M52 x 0.75	■	■
Macro						
ZEISS Touit 2.8/50M	104–108/4.09–4.25	75/2.95	290/10.23	M52 x 0.75	■	■

*Dimensions and weight may vary according to the camera mount. Length with caps.

Original accessories and care products from ZEISS

This puts the perfect finishing touch to the unique product experience offered by the ZEISS lenses.



ZEISS Lens Cleaning Kit

The ZEISS Lens Cleaning Kit is packed in a fabric belt bag and contains:

- Lens cleaning solution
- Dust brush
- Microfibre cloth
- Ten moist cleaning wipes
- User manual for professional lens care
- Air blower

Application notes at:

zeiss.com/photo/cleaning



ZEISS T* UV filters and POL filters (circular)

These filters with T* antireflective coating optimally protect your front lens. The UV filters give your pictures more brilliance, and the POL filters reduce reflections on non-metallic surfaces and increase color saturation.

- High fit accuracy for fast filter change
- Can be used with a lens shade
- Available in all standard sizes



ZEISS Air Cell comfort camera strap

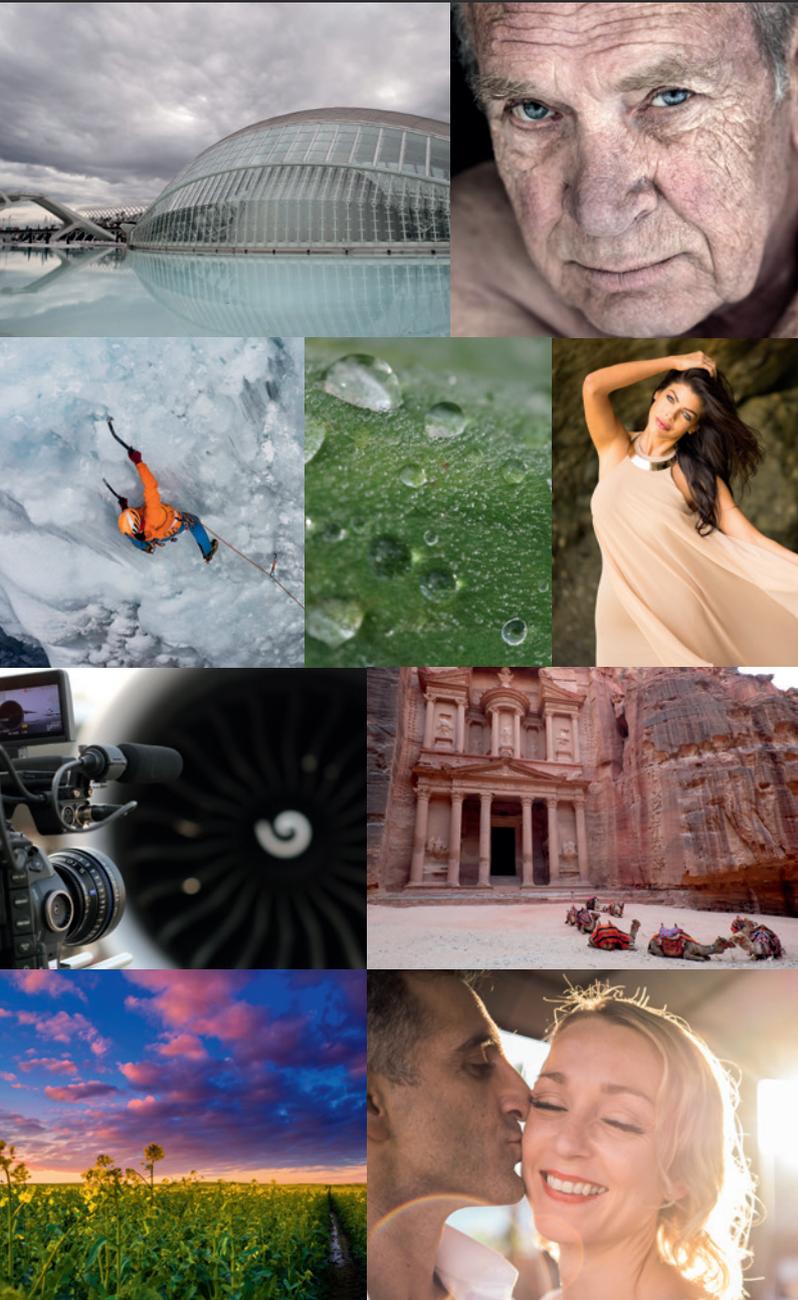
With patented Air Cell padding, this camera strap minimizes shoulder and neck strain, even with heavy equipment.

- High degree of wearing comfort with Air Cell padding
- Strap length adjustable at both ends

LENSPIRE

See our LENSPIRE photography platform for exciting everyday stories from photographers and discover how they rise to the many challenges they encounter by using ZEISS lenses.

lenspire.zeiss.com



Share your fascination:

Visit ZEISS on the Internet to keep in contact with other photographers, exchange tips and tricks and get regular news updates. On our blog and on Facebook, Twitter, Flickr and Vimeo, you can find a large community of photographers and video makers from all over the world. We look forward to welcoming you.



Become a part of the ZEISS Community:

zeiss.com/photo/social

Experience the ZEISS lenses at your camera dealer:

zeiss.com/photo/dealer



Download the **ZEISS Lens Catalog** in the app store and discover the quality and technical excellence of ZEISS camera lenses.

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Subject to design changes and changes to contents included in delivery, as well as technological advancements.