

**Carl Zeiss AG**  
Camera Lens Division  
73446 Oberkochen  
Germany

Phone: +49 7364 20-6175  
Fax: +49 7364 20-4045  
Email: [photo@zeiss.de](mailto:photo@zeiss.de)  
[www.zeiss.com/photo](http://www.zeiss.com/photo)

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Subject to change in design and scope of delivery and as a result of ongoing technical development.



## **Zeiss Ikon System**

Individuality by Carl Zeiss.



We make it visible.

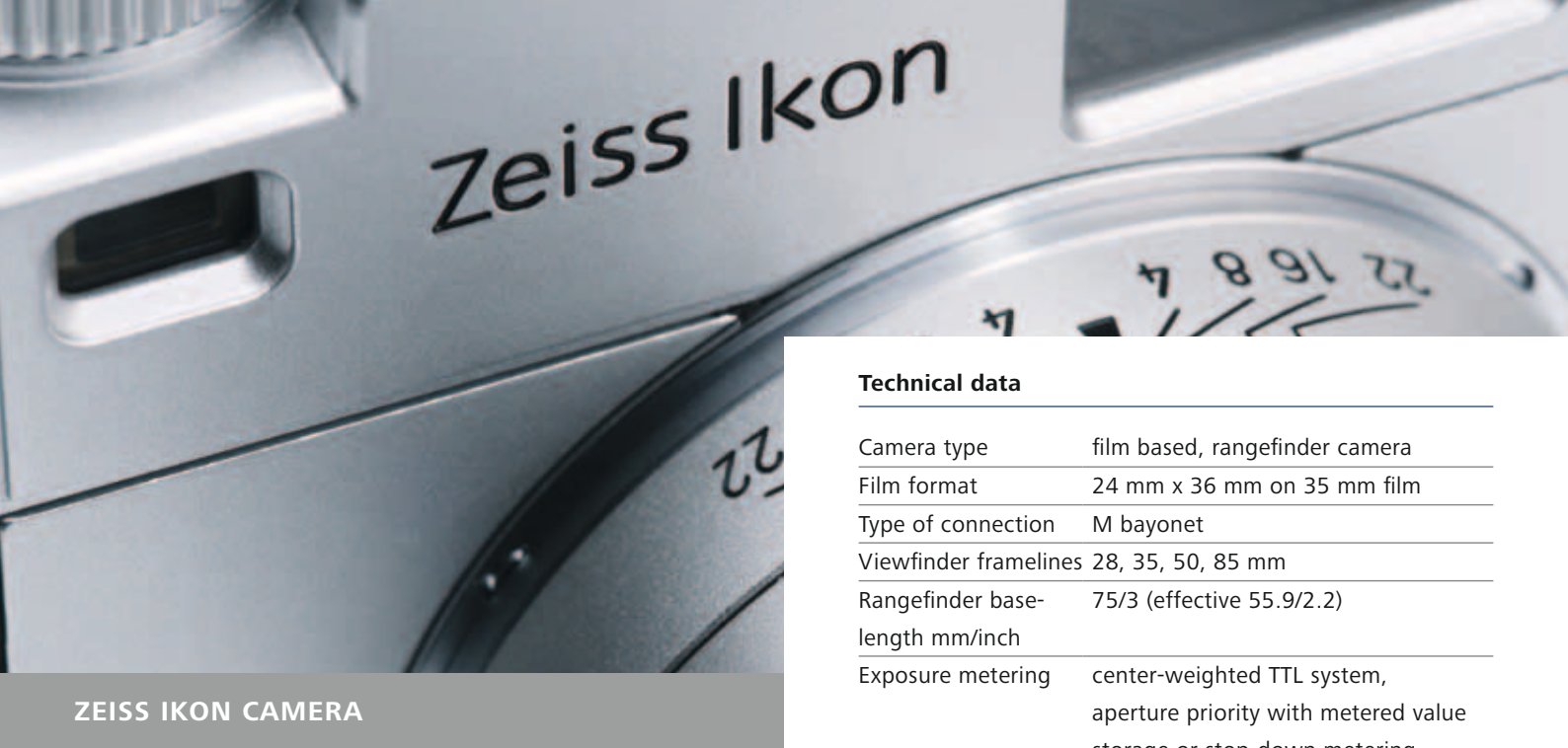
The moment you go your own way.  
**This is the moment we work for.**



The best photographers are often characterized by their individuality. They go their own way instead of keeping to the beaten track. With the Zeiss Ikon rangefinder camera, we offer them the ideal equipment to give full expression to their individuality.

Rangefinder cameras from Carl Zeiss have always stood for the optimal fusion of creativity and comfort. And also for their legendary ZEISS quality.

**An unrivaled camera.  
For unrivaled photos.**



ZEISS IKON CAMERA



**The classic model:** Its large, extremely bright and precise rangefinder optics as well as its outstanding ease of use are the most impressive features of this traditional rangefinder camera. It is convenient, discreet and uncomplicated, and allows extremely authentic photography.

Technical data

Camera type	film based, rangefinder camera
Film format	24 mm x 36 mm on 35 mm film
Type of connection	M bayonet
Viewfinder framelines	28, 35, 50, 85 mm
Rangefinder base-length mm/inch	75/3 (effective 55.9/2.2)
Exposure metering	center-weighted TTL system, aperture priority with metered value storage or stop-down metering
TTL metering range	for ISO 100 and f/2: EV 0–19 (f/2: 4 s, f/16: 1/2000 s)
Film speed	adjustable: ISO 25–3200 (1/3 steps)
Viewfinder displays	shutter speeds shutter speed warning battery status
Shutter	metal shutter blades, electronic, operates vertically
Shutter speeds	1/2000 s to 8 s, bulb setting
Flash synchronization	1/125 s or longer, flash shoe and flash sync socket
Film advance	manual with fast action lever rewind with crank
Tripod thread	1/4 x 20 in the base plate
Batteries	2 x 1.5 V, type LR44, SR44, or 1x lithium CR 1/3
Overall dimensions mm/inch	138 x 78 x 32/ 5.4 x 3.1 x 1.3
Weight g/oz.	500/17.6



## GENERAL PRODUCT FEATURES

All lenses for the system feature exceptionally high-quality workmanship and legendary ZEISS quality.

### Outstanding image quality

- Excellent reduction of light reflections thanks to the ZEISS T\* anti-reflective coating
- Advanced stray light reduction
- Almost circular aperture with 10 blades enables exceptionally harmonious bokeh
- Biogon lenses are designed symmetrically and are therefore free from color fringes and practically distortion-free
- Uniform color characteristics across all focal lengths of the ZM series

### Optimal operation

- Uniformly optimized, intuitive operating concept
- 1/3 f-stop intervals with easy-to-feel, lock-in positions and exact photometric graduation

### Premium craftsmanship

- The easy-grip focusing ring of the ZEISS lenses with ergonomic finger rest allows fast and precise focusing
- Robust front ring with filter thread and outer bayonet for the lens shade
- Compact and lightweight design for the most frequently used focal lengths





Photo: Wolf Rainer Schmalfluss

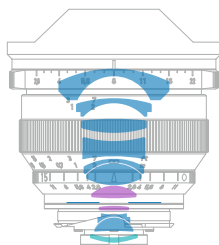
## DISTAGON T\* 2,8/15 ZM



**Impressive perspectives:** The super wide angle lens with rectilinear imaging for dynamic perspectives. Extremely high speed, allows photography under difficult light conditions, also without a tripod. Advanced optical design and leading edge glass materials.

### Design

- Distagon with 11 lens elements in 9 groups
- Lens with aspheric optical surface
- Lens made of special glass with anomalous partial dispersion
- “Floating Elements” design



### Technical data

Focal length	15 mm
Aperture range	f/2.8–f/22
Elements/groups	11/9
Focusing range m/ft	0.3–∞/0.98–∞
Field angle* (diag./horiz./vert.)	110/100/77°
Coverage** (cm/inch)	43 x 65/16.9 x 25.6
Reproduction scale**	1:18

\*Based on 35 mm format \*\* at close range



Photo: Michael Ankenbrand

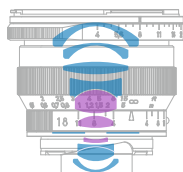
## DISTAGON T\* 4/18 ZM



**The compact specialist:** The super wide angle lens displays excellent distortion correction and outstanding performance across the entire image field. The small size and wide angle of view are ideal for travel, landscape and journalistic photography.

### Design

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



### Technical data

Focal length	18 mm
Aperture range	f/4–f/22
Elements/groups	10/8
Focusing range m/ft	0.5–∞/1.6–∞
Field angle* (diag./horiz./vert.)	98/87/65°
Coverage** (cm/inch)	56 x 84/22 x 33.1
Reproduction scale**	1:23

\*Based on 35 mm format \*\* at close range

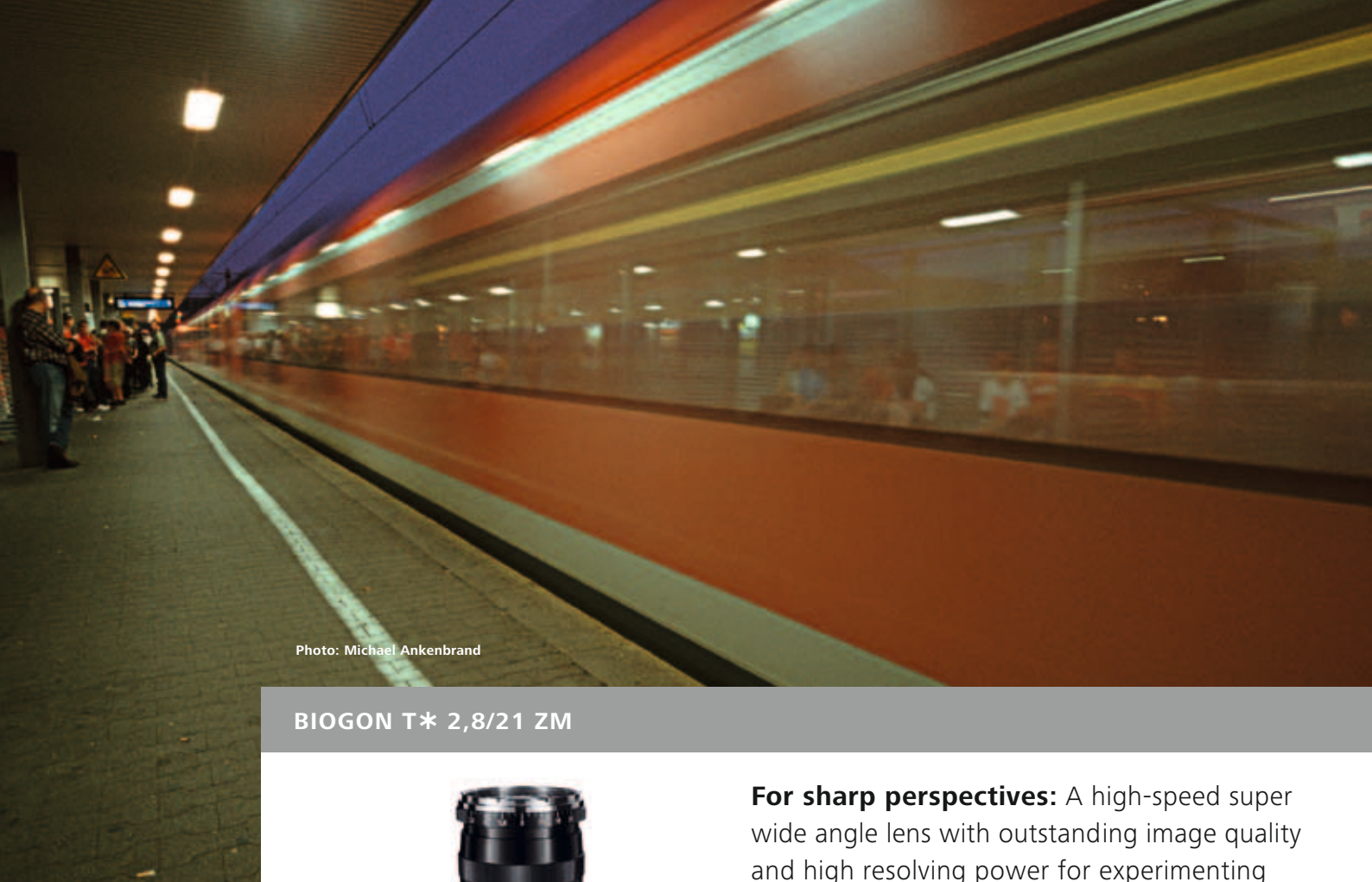


Photo: Michael Ankenbrand

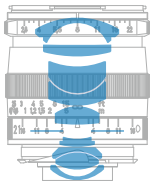
BIOGON T\* 2,8/21 ZM



**For sharp perspectives:** A high-speed super wide angle lens with outstanding image quality and high resolving power for experimenting with angles. Ideal for journalistic, architectural and landscape photography.

Design

- Biogon with 9 lens elements in 7 groups



Technical data

Focal length	21 mm
Aperture range	f/2.8–f/22
Elements/groups	9/7
Focusing range m/ft	0.5–∞/1.6–∞
Field angle* (diag./horiz./vert.)	90/80/58°
Coverage** (cm/inch)	47 x 71/18.5 x 28
Reproduction scale**	1:21

\*Based on 35 mm format    \*\* at close range





Photo: Michael Ankenbrand

## C BIOGON T\* 4,5/21 ZM

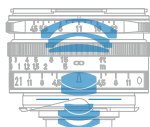


### Super wide angle lens for out and about:

Compact lens for distortion-free, dynamic pictures. The exceptionally small and light-weight size makes it an ideal traveling companion. Special optical design makes it ideal for analog photography.

### Design

- Biogon with 8 lens elements in 6 groups



### Technical data

Focal length	21 mm
Aperture range	f/4.5–f/22
Elements/groups	8/6
Focusing range m/ft	0.5–∞/1.6–∞
Field angle* (diag./horiz./vert.)	90/80/58°
Coverage** (cm/inch)	48 x 72/18.9 x 28.3
Reproduction scale**	1:20

\*Based on 35 mm format \*\* at close range



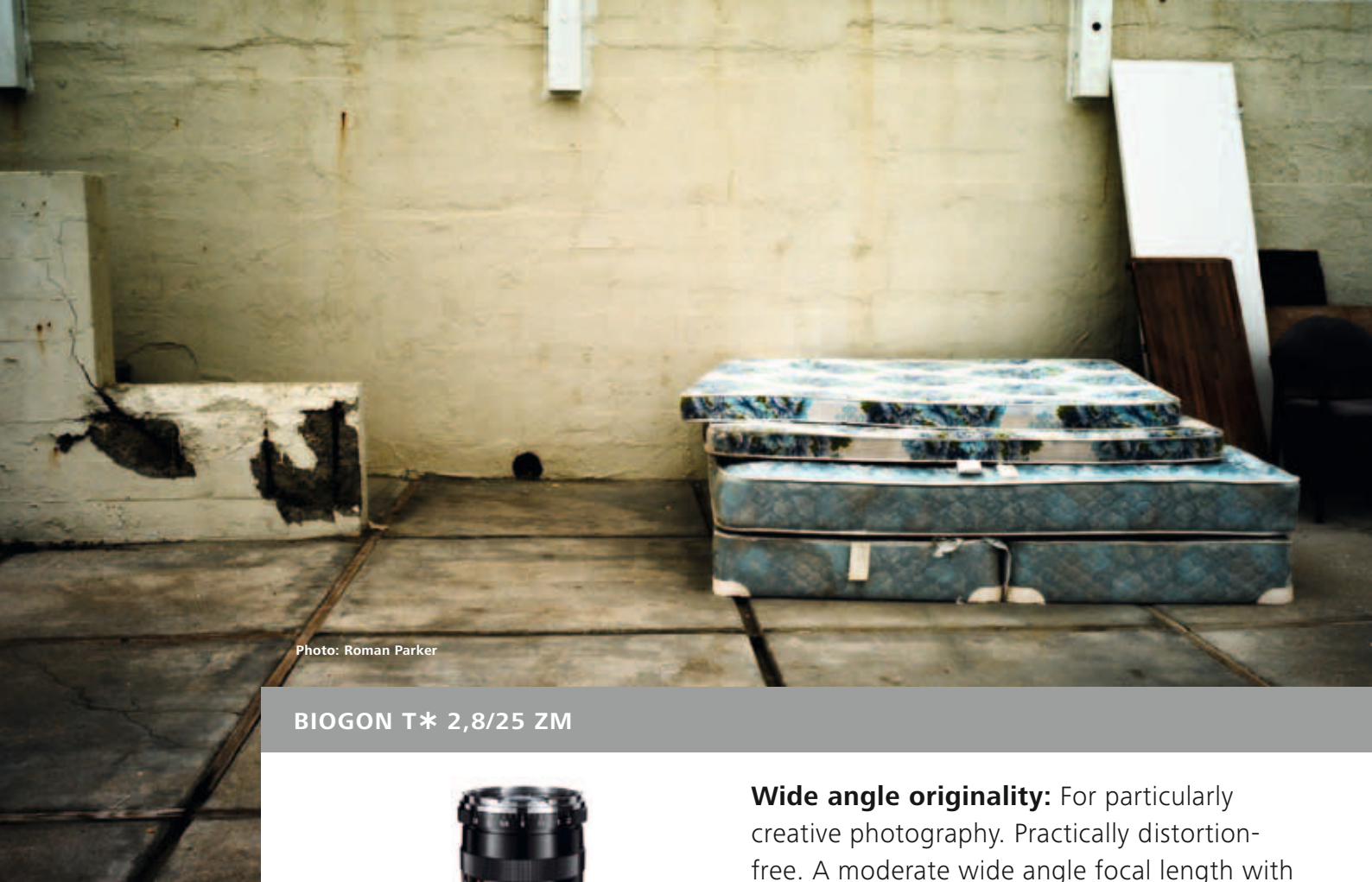


Photo: Roman Parker

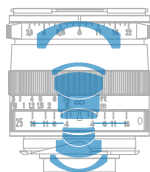
## BIOGON T\* 2,8/25 ZM



**Wide angle originality:** For particularly creative photography. Practically distortion-free. A moderate wide angle focal length with impressive, but easily controlled perspectives for creative photography.

### Design

- Biogon with 9 lens elements in 7 groups



### Technical data

Focal length	25 mm
Aperture range	f/2.8–f/22
Elements/groups	9/7
Focusing range m/ft	0.5–∞/1.6–∞
Field angle* (diag./horiz./vert.)	82/72/52°
Coverage** (cm/inch)	43 x 65/16.9 x 25.6
Reproduction scale**	1:18

\*Based on 35 mm format \*\* at close range



Photo: Jens Karlson

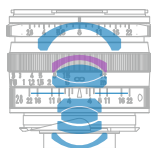
## BIOGON T\* 2,8/28 ZM



**For bright moments:** The compact wide angle lens provides high accuracy even at close range and at full aperture. Minimizes stray light and reflection and can integrate very bright light sources. For dynamic urban, landscape and architectural subjects.

### Design

- Biogon with 8 lens elements in 6 groups
- Lens made of special glass with anomalous partial dispersion



### Technical data

Focal length	28 mm
Aperture range	f/2.8–f/22
Elements/groups	8/6
Focusing range m/ft	0.5–∞/1.6–∞
Field angle* (diag./horiz./vert.)	75/65/46°
Coverage** (cm/inch)	37 x 55/14.6 x 21.7
Reproduction scale**	1:16

\*Based on 35 mm format \*\* at close range



Photo: Sven Zellner

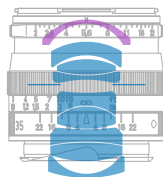
## BIOGON T\* 2/35 ZM



**The all-round solution:** The highest-speed lens of the Biogon family features outstanding imaging performance. It is a creative tool suited to practically all areas of rangefinder photography – no camera bag should be without one.

### Design

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



### Technical data

Focal length	35 mm
Aperture range	f/2–f/22
Elements/groups	9/6
Focusing range m/ft	0.7–∞/2.3–∞
Field angle* (diag./horiz./vert.)	63/54/38°
Coverage** (cm/inch)	43 x 65/16.9 x 25.6
Reproduction scale**	1:18

\*Based on 35 mm format \*\* at close range





Photo: Werner Dennenweier

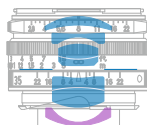
## C BIOGON T\* 2,8/35



**Mobile perfection:** The exceptionally compact, moderate wide angle focal length is the ideal companion for travel photographers. It also features uncompromising image perfection, even at full aperture.

### Design

- Biogon with 7 lens elements in 5 groups
- Lens made of special glass with anomalous partial dispersion



### Technical data

Focal length	35 mm
Aperture range	f/2.8–f/22
Elements/groups	7/5
Focusing range m/ft	0.7–∞/2.3–∞
Field angle* (diag./horiz./vert.)	62/53/37°
Coverage** (cm/inch)	41 x 62/16.1 x 24.4
Reproduction scale**	1:17

\*Based on 35 mm format \*\* at close range

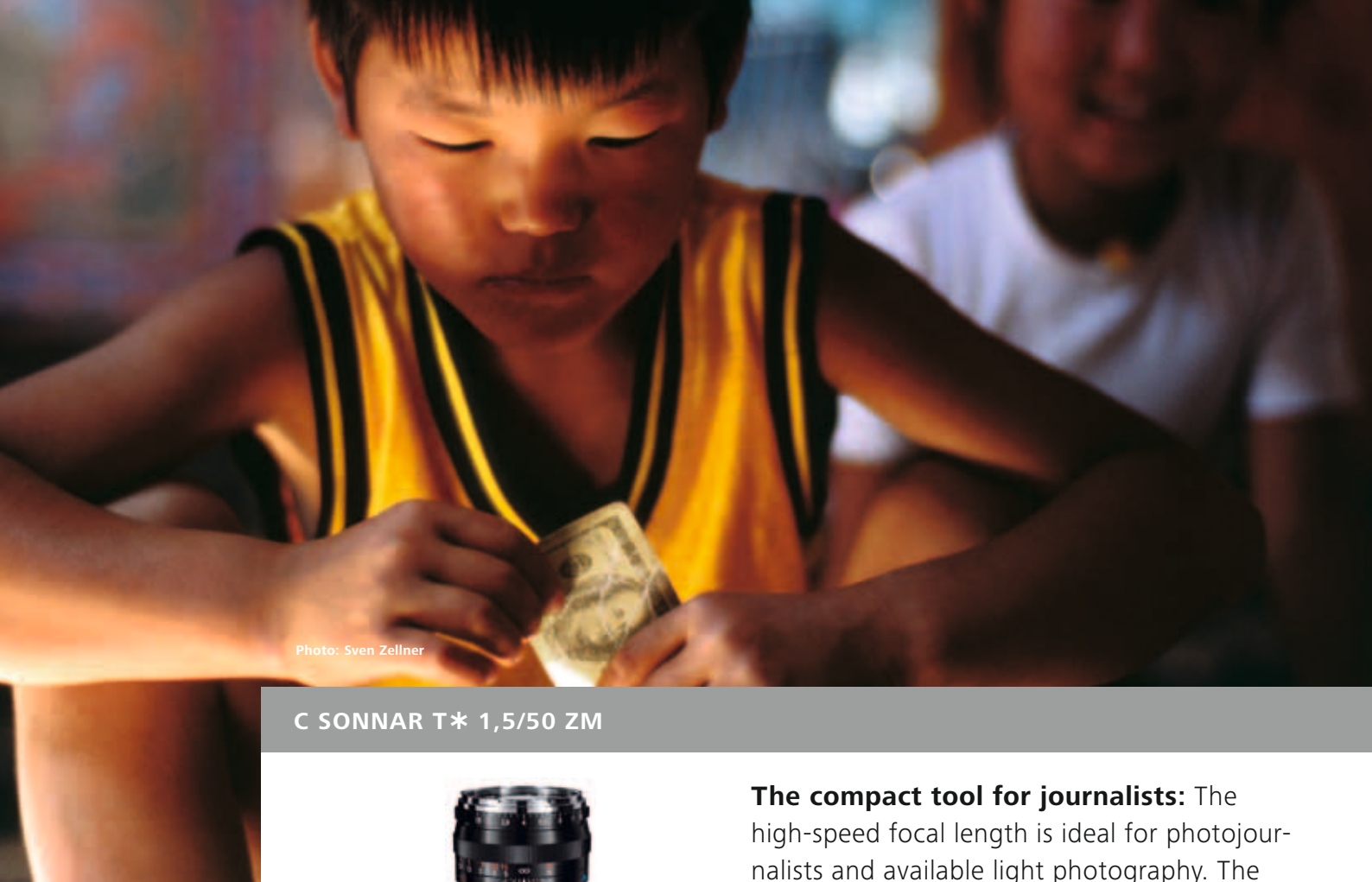


Photo: Sven Zellner

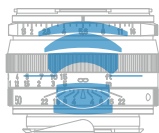
## C SONNAR T\* 1,5/50 ZM



**The compact tool for journalists:** The high-speed focal length is ideal for photojournalists and available light photography. The lens features a classical optical design from the golden age of rangefinder photography. Photographers will be rewarded with a remarkable rendition of 3-dimensional images.

### Design

- Sonnar with 6 lens elements in 4 groups



### Technical data

Focal length	50 mm
Aperture range	f/1.5–f/16
Elements/groups	6/4
Focusing range m/ft	0.9–∞/3–∞
Field angle* (diag./horiz./vert.)	46/39/27°
Coverage** (cm/inch)	37 x 55/14.6 x 21.7
Reproduction scale**	1:15

\*Based on 35 mm format \*\* at close range



Photo: Colin Jones

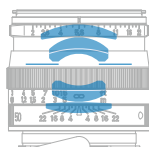
## PLANAR T\* 2/50 ZM



**Naturally impressive:** The perspective this standard focal length offers is comparable with the human eye. It provides excellent image quality even at full aperture and enables the targeted use of out-of-focus effects.

### Design

- Planar with 6 lens elements in 4 groups



### Technical data

Focal length	50 mm
Aperture range	f/2–f/22
Elements/groups	6/4
Focusing range m/ft	0.7–∞/2.3–∞
Field angle* (diag./horiz./vert.)	47/39/27°
Coverage** (cm/inch)	29 x 43/11.4 x 16.9
Reproduction scale**	1:12

\*Based on 35 mm format \*\* at close range



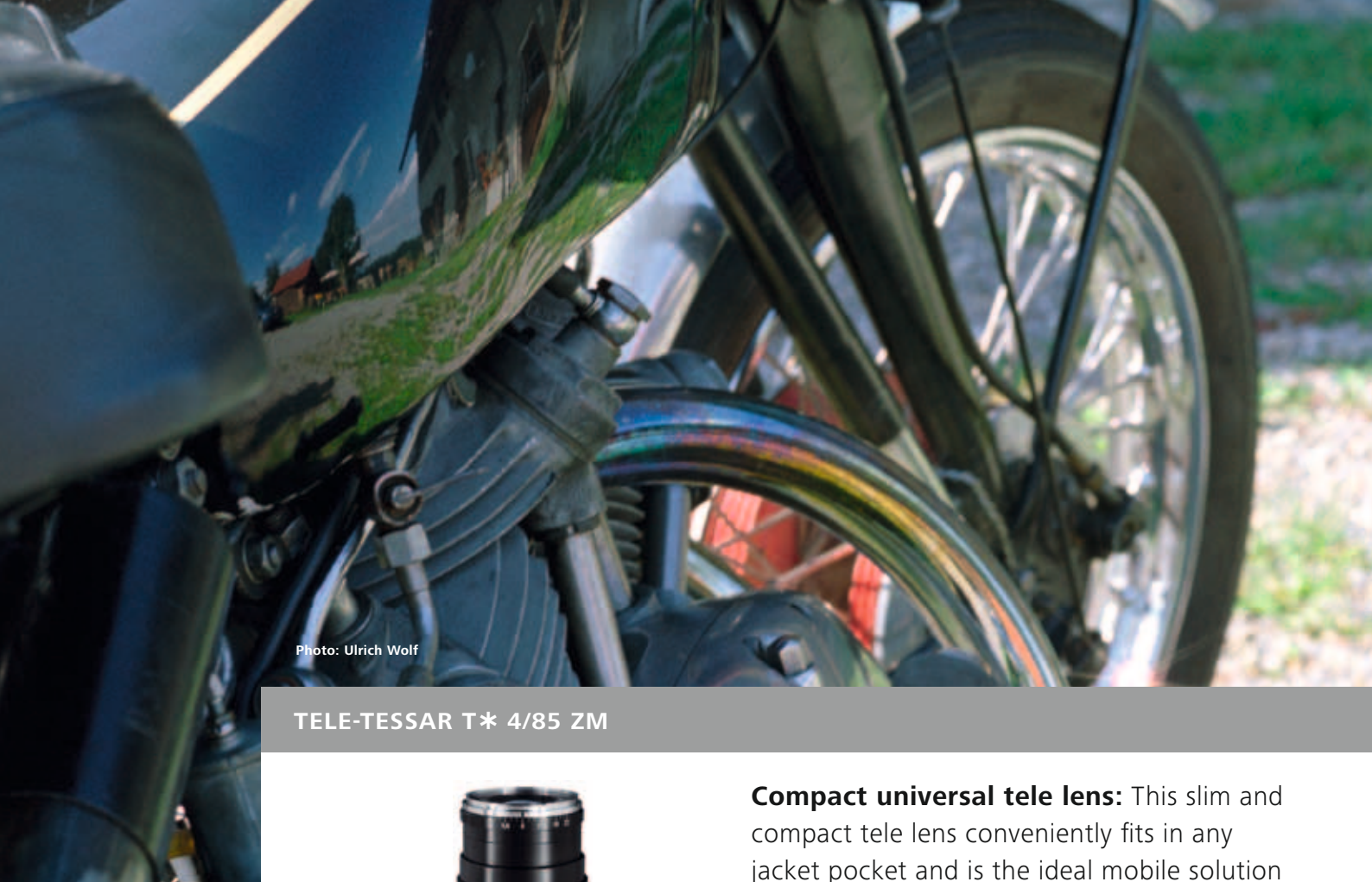


Photo: Ulrich Wolf

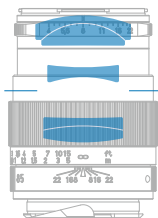
TELE-TESSAR T\* 4/85 ZM



**Compact universal tele lens:** This slim and compact tele lens conveniently fits in any jacket pocket and is the ideal mobile solution for portrait and landscape photography. It is almost distortion-free and corrects all chromatic aberrations.

Design

- Tele-Tessar with 5 lens elements in 3 groups



Technical data

Focal length	85 mm
Aperture range	f/4–f/22
Elements/groups	5/3
Focusing range m/ft	0.9–∞/2.95–∞
Field angle* (diag./horiz./vert.)	29/25/17°
Coverage** (cm/inch)	32 x 21/12.6 x 8.3
Reproduction scale**	1:9

\*Based on 35 mm format \*\* at close range



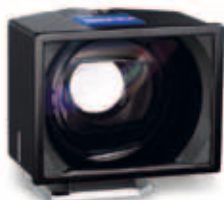
## ACCESSORIES



### Leather Everready Case

In this carrying case, your Zeiss Ikon camera and the attached ZM lens with focal lengths from 18 to 50 mm is reliably protected from impact and damage. For photography, the front part of the case can be opened or buttoned back. The front of the case easily swings open for picture taking.

- Made of genuine leather lined with black velvet
- Easy-to-open front compartment
- Optimal protection for camera and lens



### Viewfinder

The high-quality viewfinder enables convenient image composition with wide angle lenses. Available for 15, 18 and 21 mm focal lengths and combined for 25 and 28 mm.



### Side Grip

The attachable side grip makes it easier to grip and hold the camera. For use with a tripod, it includes a 1/4" tripod thread, directly under the optical axis of the camera.

- Side grip made of extra-durable plastic
- Extra light: only 38 grams



## TECHNICAL DATA TABLE

	Length* mm/inch	Diameter* mm/inch	Weight g/oz.	Mount	Optional accessories	Filter thread
<b>Super wide angle</b>						
Distagon T* 2,8/15 ZM	92/3.6	78/3.1	550/19	ZM (M bayonet)	15 mm viewfinder, built-in lens shade	M 72 x 0.75
Distagon T* 4/18 ZM	71/2.8	65/2.6	350/12	ZM (M bayonet)	18 mm viewfinder, lens shade included	M 58 x 0.75
Biogon T* 2,8/21 ZM	75/3	53/2.1	280/9.9	ZM (M bayonet)	lens shade 21/25, viewfinder 21	M 46 x 0.75
C Biogon T* 4,5/21 ZM	56/2.2	53/2.1	210/7.4	ZM (M bayonet)	lens shade 21/25, viewfinder 21	M 46 x 0.75
<b>Wide angle</b>						
Biogon T* 2,8/25 ZM	71/2.8	53/2.1	260/9.2	ZM (M bayonet)	lens shade 21/25, lens shade 25/28, viewfinder 25/28	M 46 x 0.75
Biogon T* 2,8/28 ZM	62/2.4	53/2.1	230/8.1	ZM (M bayonet)	lens shade 25/28, viewfinder 25	M 46 x 0.75
Biogon T* 2/35 ZM	68/2.7	52/2.0	240/8.5	ZM (M bayonet)	lens shade 35/50	M 43 x 0.75
C Biogon T* 2,8/35 ZM	55/2.2	52/2.0	200/7.1	ZM (M bayonet)	lens shade 35/50	M 43 x 0.75
<b>Standard</b>						
C Sonnar T* 1,5/50 ZM	63/2.5	56/2.2	250/8.8	ZM (M bayonet)	lens shade CS 50	M 46 x 0.75
Planar T* 2/50 ZM	68/2.7	52/2.0	230/8.1	ZM (M bayonet)	lens shade 35/50	M 43 x 0.75
<b>Tele</b>						
Tele-Tessar T* 4/85 ZM	95/3.7	54/2.1	310/11	ZM (M bayonet)	lens shade 4/85 ZM	M 43 x 0.75

\* Dimensions and weight may vary according to the camera mount. Length with caps. Diameter (max.)

You can find further information on technical data and compatibility at [www.zeiss.com/photo](http://www.zeiss.com/photo)





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