



## **ZEISS Milvus Lenses**

Manual focus SLR lenses for  
ZE and ZF.2 mount cameras.



We make it visible.

The moment your creati  
is freed of limitations.

**The new Milvus lenses**

// AMBITION

MADE BY ZEISS

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**from ZEISS.**

**Constantly pushing back boundaries** – that is ZEISS's mission as a technology leader. Now ZEISS has developed a new family of products designed to unleash the performance of modern, high-resolution DSLR cameras: the ZEISS Milvus lenses for ZE and ZF.2 mount cameras.

From portraits and landscapes to architectural and street photography, ZEISS has the right focal length and the best imaging performance for every situation. With optimum image quality, full focus control, and a cutting-edge design, you can be confident of getting your subject and its creative potential firmly in the foreground, giving unique results every time.



# The ZEISS Milvus lenses

## **Optimal image performance for all focal lengths**

The Milvus lenses from ZEISS will impress you with their constantly excellent image performance across all focal lengths – regardless of whether they are used for portrait, landscape, event or other types of photography.

The new Milvus lenses from ZEISS have been optimized for high-resolution cameras.

Whatever the application, their precise, manual focus ensures that the ZEISS Milvus lenses are the perfect tools to implement your creativity.



## Outstanding image quality

- Outstanding image performance, optimized for modern, high-resolution DSLR cameras
- Excellent reflection reduction that to T\*® antireflective coating from ZEISS
- Excellent contrast in even the finest details
- Standardized color characteristics over all focal lengths
- Practically distortion-free
- Almost circular aperture with nine blades enables an exceptionally harmonious bokeh

## High precision

- Extremely accurate manual focusing for high-precision photography thanks to easy-to-grip focus ring
- De-click function (ZF.2) for continuous aperture setting for video photography

## High-quality workmanship

- Modern and ergonomic product design
- Robust, all-metal barrel design for many years of use
- Weather and dust protection
- Come standard with a matching lens shade







Timm Allrich, ZEISS Milvus 2.8/21

## **ZEISS Milvus 2.8/21** **Master of horizons**

The ZEISS Milvus 2.8/21 super wide-angle lens of the type ZEISS Distagon is the best in its class. Thanks to its maximum aperture of f/2.8, the reflection-free and practically distortion-free super wide-angle lens is perfect for spectacular image compositions of great diversity, dramatic contrast and vivid colors.

The further optimization of the lens coating reduces ghosting, flare and shading effects in critical lighting situations.



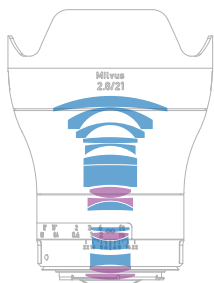




Focal length	21 mm
Aperture range	f/2.8–f/22
Elements/groups	16/13
Focusing range m/ft	0.22 – ∞ / 0.72 – ∞
Field angle* (diag./horiz./vert.)	90° / 81° / 59°
Coverage mm/inch	120 x 180 / 4.72 x 7.09
Compatible with	Canon or Nikon SLR/DSLR cameras**

\*Based on 35 mm format.

\*\*Nikon is a registered trademark of Nikon Corporation. Canon is a trademark or registered trademark of Canon Inc. and/or other members of the Canon Group.



### Design

- Distagon with 16 elements in 13 groups
- Lens made of special glass with anomalous partial dispersion
- “Floating Elements” design



Greg Watermann, ZEISS Milvus 2/35

## **ZEISS Milvus 2/35** **Versatile reporter**

The ZEISS Milvus 2/35 of the type ZEISS Distagon is a moderate wide-angle lens that is ideal for capturing all scenes in their full natural brilliance – nothing will escape its attention, even in poor light. Its compact design and fast, precise focusing make the lens particularly suitable for photojournalism.

And thanks to its high performance and versatility, it is always ready for those unexpected moments.

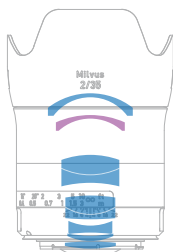




Focal length	35 mm
Aperture range	f/2.0–f/22
Elements/groups	9/7
Focusing range m/ft	0.30 – ∞/0.98 – ∞
Field angle* (diag./horiz./vert.)	62° / 53° / 37°
Coverage mm/inch	128 x 191/5.04 x 7.52
Compatible with	Canon or Nikon SLR/DSLR cameras**

\*Based on 35 mm format.

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## Design

- Distagon with 9 elements in 7 groups
- Lens made of special glass with anomalous partial dispersion
- “Floating Elements” design



Benjamin Völker, ZEISS Milvus 1.4/50

## **ZEISS Milvus 1.4/50** **More than a standard lens**

The redesigned ZEISS Milvus 1.4/50 corresponds to the perspective of the human eye in conjunction with full-frame cameras and can therefore be used for many different purposes. In other words, it is a lens of many talents. Realistic imaging of three-dimensional objects is guaranteed at all times.

Despite its high speed, the advanced ZEISS Distagon optical design ensures outstanding imagery – even at full aperture.

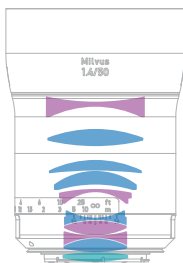




Focal length	50 mm
Aperture range	f/1.4–f/16
Elements/groups	10/8
Focusing range m/ft	0.45 – ∞ / 1.48 – ∞
Field angle* (diag./horiz./vert.)	46° / 39° / 26°
Coverage mm/inch	245 x 162 / 9.65 x 6.38
Compatible with	Canon or Nikon SLR/DSLR cameras**

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## Design

- Distagon with 10 elements in 8 groups
- Lens made of special glass with anomalous partial dispersion
- Lens with aspheric optical surface
- “Floating Elements” design



Björn Pados, ZEISS Milvus 1.4/85

## **ZEISS Milvus 1.4/85** **The champion of bokeh**

The redesigned ZEISS Milvus 1.4/85 lens is particularly suitable for portrait photography. This lens is an absolute must for compositions where the main subject is to be sharply defined and emphasized against a beautiful bokeh background.

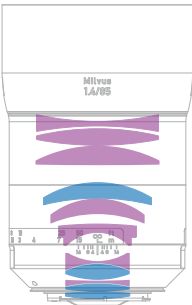
The purely spherical optical design and use of special types of glass ensure optimal micro-contrast and extremely low chromatic aberration. The result: outstanding photographs every time – with the champion of bokeh.



Focal length	85 mm
Aperture range	f/1.4–f/16
Elements/groups	11/9
Focusing range m/ft	0.80 – ∞ / 2.62 – ∞
Field angle* (diag./horiz./vert.)	29° / 24° / 16°
Coverage mm/inch	303 x 201 / 11.93 x 7.91
Compatible with	Canon or Nikon SLR/DSLR cameras**

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### Design

- Planar with 11 elements in 9 groups
- Lens made of special glass with anomalous partial dispersion
- “Floating Elements” design



Andreas Bogenschütz, ZEISS Milvus 2/50M

## **ZEISS Milvus 2/50M**

### **Big meets small**

Breathtaking details in close-up and traditional portraits are the strengths of the ZEISS Milvus 2/50M of the type ZEISS Makro-Planar. Thanks to its excellent performance at all ranges this macro lens can be used for a wide variety of applications. The further optimization of the lens coating reduces ghosting and flare effects in critical light situations.

The currently fastest 50 mm full-format macro lens on the market will let you highlight even the smallest detail in the foreground or background.







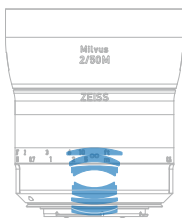
Focal length	50 mm
Aperture range	f/2.0–f/22
Elements/groups	8/6
Focusing range m/ft	0.24 – ∞ / 0.79 – ∞
Field angle* (diag./horiz./vert.)	45° / 38° / 26°
Coverage mm/inch	48 x 72 / 1.89 x 2.83
Compatible with	Canon or Nikon SLR/DSLR cameras**

\*Based on 35 mm format.

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## Design

- Planar with 8 elements in 6 groups
- “Floating Elements” design





Harold Davis, ZEISS Milvus 2/100M

## **ZEISS Milvus 2/100M**

### **Bridging the gap**

The ZEISS Milvus 2/100M of the type ZEISS Makro-Planar is currently the fastest 100 mm macro lens on the market and closes the gap between long range and breathtaking close-up shots. This lens bridges distances and allows unique image compositions.

Its precise mechanical components with a large focus throw permit precise control which is particularly important for macro photography in the close-up range.

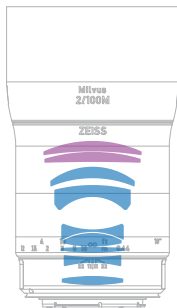




Focal length	100 mm
Aperture range	f/2.0–f/22
Elements/groups	9/8
Focusing range m/ft	0.44 – ∞/1.44 – ∞
Field angle* (diag./horiz./vert.)	25° / 21° / 14°
Coverage mm/inch	48 x 72 / 1.89 x 2.83
Compatible with	Canon or Nikon SLR/DSLR cameras**

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### Design

- Planar with 9 elements in 8 groups
- Lens made of special glass with anomalous partial dispersion
- “Floating Elements” design





# The moment photographers bec **The new Milvus lenses from**

Get your shots moving: the new ZEISS Milvus lenses will let you produce high-quality videos thanks to their long and precise focusing action. The de-click function enables ZF.2 mount users to adjust the aperture freely and smoothly, enabling professional results even in changing light conditions.

With its extremely high contrast rendition, this family of lenses caters to the most modern video standards of 6K and up. That makes ZEISS Milvus lenses a solid future investment for demanding filmmakers. Focus on what moves you.



ome filmmakers.

**ZEISS.**

### **Excellent video quality**

- Constantly excellent image quality across the entire lens family
- Suitable for use on modern, high-resolution cameras (6K and more)
- Soft and cinematic bokeh

### **High precision**

- Large rotation angle for precise focusing
- Additional de-click function for ZF.2 mount for continuous, finely controllable aperture adjustment

### **High-quality workmanship**

- Robust all-metal barrel with weather and dust protection
- Modern and ergonomic product design
- Convenient, armored focus ring with optimal grip properties

## 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:

- Optics cleaning agent
- Dust brush
- Microfiber cloth
- 10 wet wipes
- User manual for professional lens care
- Bellows

Application notes at: [zeiss.com/photo/cleaning](https://www.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



	Length* mm/inch (with caps)	Diameter* mm/inch (max.)
<b>Super-wide angle</b>		
ZEISS Milvus 2.8/21	109.5–111.8/4.31–4.40	95.3–95.5/3.75–3.76
<b>Wide angle</b>		
ZEISS Milvus 2/35	97.1–99.5/3.82–3.92	77.0/3.03
<b>Standard</b>		
ZEISS Milvus 1.4/50	106.4–109.0/4.19–4.29	82.5–82.9/3.25–3.26
<b>Tele</b>		
ZEISS Milvus 1.4/85	119.0–121.0/4.69–4.76	90.0/3.54
<b>Macro</b>		
ZEISS Milvus 2/50M	87.7–89.9/3.45–3.54	80.7–81.0/3.18–3.19
ZEISS Milvus 2/100M	117.5–119.5/4.63–4.70	80.5/3.17

\*Dimensions and weight may vary according to the camera mount.

You can find further information on technical data and compatibility at



Weight* g/oz.	Filter thread	ZE	ZF.2
735–851/25.93–30.02	M 82 x 0.75	■	■
649–702/22.89–24.76	M 58 x 0.75	■	■
875–922/30.86–32.52	M 67 x 0.75	■	■
1,210–1,280/42.68–45.15	M 77 x 0.75	■	■
660–730/23.28–25.75	M 67 x 0.75	■	■
807–843/28.47–29.74	M 67 x 0.75	■	■

# ZEISS SLR lenses

Overview of the lens families with for ZE and ZF.2 mount cameras.



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## ZEISS Milvus

### The new SLR lenses from ZEISS

The Milvus lenses from ZEISS will impress you with their constantly excellent image performance across all focal lengths – regardless of whether they are used for portrait, landscape, event or other types of photography. They are optimized for high-resolution DSLR cameras.

[www.zeiss.com/milvus](http://www.zeiss.com/milvus)



# high-precision manual focus

## **ZEISS Otus**

### **The world's best ZEISS SLR lenses**

The Otus lenses from ZEISS deliver uncompromising performance, even at full aperture. They are specially designed for modern DSLR cameras with high-resolution sensors. The Otus lenses from ZEISS on these cameras offer the standard of quality otherwise only achieved on medium format systems.

[\*\*www.zeiss.com/otus\*\*](http://www.zeiss.com/otus)

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## **ZEISS Classic**

### **The Classic ZEISS lenses – proven for many years.**

The Classic lenses from ZEISS have enjoyed an outstanding reputation with photographers all over the world for many years now – and rightly so. This lens family is characterized by its classic appearance and high optical performance.

[\*\*www.zeiss.com/classic\*\*](http://www.zeiss.com/classic)



Benjamin Völker, ZEISS Milvus 1.4/50

### **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](https://zeiss.com/photo/social)**



[www.flickr.com/gp/carlzeisslenses/8B1K24](https://www.flickr.com/gp/carlzeisslenses/8B1K24)



Experience the ZEISS Milvus Lenses at your camera dealer:  
**[zeiss.com/photo/dealer](https://zeiss.com/photo/dealer)**

See our blog for exciting everyday stories from outstanding photographers and discover how they rise to the many challenges they encounter by using ZEISS lenses:  
**[zeiss.com/clnblog](https://zeiss.com/clnblog)**



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

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