

Carl Zeiss
Zeiss Ikon



PASSION FOR THE PASSIONATE

A Carl Zeiss lens is known around the world for uncompromising quality and performance. In fact, we've been pioneering high performance optics since 1886. And the reason is simple: we're driven by passion. Today, we are applying our passion to the spirit and inherent creativity of the rangefinder camera – the preferred tool of the truly passionate 35 mm photographer.

WHY M-MOUNT?

For more than 50 years now, passionate 35 mm photographers have been embracing the M-mount rangefinder camera system. From the lens designer's perspective, a rangefinder camera offers an exciting advantage over single lens reflex (SLR) cameras: more space. After all, there is no moving reflex mirror and drive mechanism. This allows for a short distance between the last lens element and the film meaning more opportunities for designing of superior lens types, including high performing wide-angle lenses.

A PASSION READY FOR THE CHALLENGE

For our lens designers, the chance to develop the Carl Zeiss family of T* ZM-mount lenses was a dream come true. They were free to follow their passion in pursuit of perfection in lens performance, taking full advantage of our uncompromising symmetric lens designs. The only limitation was to reserve 15 mm in front of the film for the TTL exposure metering, commonplace in M-mount cameras. The result is a complete range of the most advanced M-mount lenses ever made.

SUPERIOR IN EVERY WAY

The Carl Zeiss range of T* ZM-mount lenses offers the highest possible standards in terms of performance, reliability and, of course, image quality. Quite simply, they are superior in every way. You can count on highly advanced flare control for crisp and brilliant images, for example. And virtually zero geometric distortion ensuring precision accuracy when reproducing shapes,

especially useful when photographing products and architecture.

Carl Zeiss T* ZM-mount lenses are specifically designed to minimize focus shift with aperture changes – an important innovation with big benefits for rangefinder photography. As a result, you can expect improved accuracy of the rangefinder-defined focus. While the precise 10-blade aperture with 1/3 stop interval click stops ensures exact exposure. For reliable performance, Carl Zeiss T* ZM-mount lenses are designed with a wear resistant filter mount and an extremely accurate rangefinder coupling mechanism.



Virtually zero geometric distortion for accurate reproduction of object shapes, particularly products and architecture

Precise 10-blade aperture with 1/3 stop interval click stops ensures exact exposure

Highly advanced flare control that ensures crisp, brilliant images



Reduces unintended focus shift with aperture variation for improved accuracy of rangefinder defined focus

Wear resistant filter mount for long-term reliability in tough conditions

Extremely accurate rangefinder coupling mechanism ensures optical precision, contributing to superior image quality

Passionate since 1886 Carl Zeiss has been a passionate maker of high precision lenses for more than 100 years. We now provide superior optical solutions for everything from lenses that offer a resolution beyond 10,000 linepairs/mm for microchip manufacture to our market-leading cinematography lenses that enable 1000x magnification. Capturing movie scenes on small film frames and digital sensors – while ensuring outstanding image quality on the big screen. Today, we're applying our passion to developing a superior range of M-mount lenses for passionate 35 mm rangefinder photographers.

BIOGON T* 2.8/25 ZM

THE SPECIALIST FOR ARCHITECTURE AND LANDSCAPE



For outstanding image crispness and resolving power at all apertures, this lens won't let you down. An exciting, very wide complement to the Biogon 35 "wide standard" lens. Composed of 9 optical elements, this lens is based on the symmetrical Carl Zeiss Biogon® lens design concept. Offering stunning image quality and invisibly low geometric distortion, it is a true creative enabler when shooting wide vistas, inspiring landscapes, cityscapes and architecture.

Focal length: 25 mm
Aperture range: 2.8-22
No. of lenses/groups: 9/7
Focusing range: 0.5 m (1'7.7") – infinity
Magnification at close range: 1:18
Coverage at close range: 43x65 cm (1'4.9" x 2'1.6")
Angle of view diag/horiz/vert: 82/72/52 degrees
Filter: M46x0.75
Weight: 260 g (9.2 oz.)

Ordering number silver finish: 30 82025
Ordering number black finish: 30 82026

BIOGON T* 2.8/28 ZM

THE UNIVERSAL TRAVELLER



This lens offers the widest angle of view possible using the camera's built-in viewfinder. A dynamic, wide complement to the standard Planar 50 lens, it is composed of 8 optical elements and is based on the symmetrical Carl Zeiss Biogon® lens design concept. You can count on high image quality and confident control over color fringing, flare and ghosting. It's also designed for a remarkably close focusing distance of 0,5 m. Ideal for travel, landscapes and cityscapes.

Focal length: 28 mm
Aperture range: 2.8-22
No. of lenses/groups: 8/6
Focusing range: 0.5 m (1'7.7") – infinity
Magnification at close range: 1:16
Coverage at close range: 38x57 cm (1'3" x 1'10.4")
Angle of view diag/horiz/vert: 75/65/46 degrees
Filter: M46x0.75
Weight: 220 g (7.8 oz.)

Ordering number silver finish: 30 82028
Ordering number black finish: 30 82029



BIOGON T* 2/35 ZM

THE POWERFUL ALL-ROUNDER



A highly versatile lens and inspiring stand-alone perfect for pretty much whatever. It is based on a 9 optical elements version of the Carl Zeiss Biogon® lens concept for exceptional image quality. It offers a small size, high speed, stunning resolving power and next to zero distortion – a unique combination for an M-mount camera. Perfect for travel, photojournalism, street photography, human-interest reportage (outdoors and indoors) and documentation.

Focal length:	35 mm
Aperture range:	2-22
No. of lenses/groups:	9/6
Focusing range:	0.7 m (2'3.6") – infinity
Magnification at close range:	1:18
Coverage at close range:	43x65 cm (1'4.9" x 2'1.6")
Angle of view diag/horiz/vert:	63/54/37 degrees
Filter:	M43x0.75
Weight:	240 g (8.5 oz.)

Ordering number silver finish:	30 82035
Ordering number black finish:	30 82036

PLANAR T* 2/50 ZM

THE PERSPECTIVE OF THE HUMAN EYE



Undoubtedly, the new high performance standard in M-system lenses. It is based on the famous Carl Zeiss Planar® lens design concept, a symmetrical combination of 6 optical elements in 4 groups. So count on exceptionally high resolving power, evenly distributed performance over the entire frame, and superb control over flare and ghosting. This lens opens up inspiring possibilities for all-round photography, documentation and photojournalism.

Focal length:	50 mm
Aperture range:	2-22
No. of lenses/groups:	6/4
Focusing range:	0.7 m (2'3.6") – infinity
Magnification at close range:	1:12
Coverage at close range:	29x43 cm (11.4" x 14.9")
Angle of view diag/horiz/vert:	47/39/27 degrees
Filter:	M43x0.75
Weight:	210 g (7.4 oz.)

Ordering number silver finish:	30 82055
Ordering number black finish:	30 82056



The following highly sophisticated lenses complete the Carl Zeiss T* ZM-mount range and will be available in early 2005. Because we never take shortcuts, they have required a longer design process. We also decided to make these groundbreaking lenses, with the exception of the Biogon T* 2.8/21 ZM, at Carl Zeiss, Oberkochen in Germany. Here we have unrivalled experience in designing and manufacturing the most advanced lenses in the photographic world. Examples include exceptionally high performance lenses for semiconductor manufacturing, cinematography and top quality medium format cameras.

These Carl Zeiss T* ZM-mount lenses have really taken our passion to the extreme. And for you, well worth the wait.

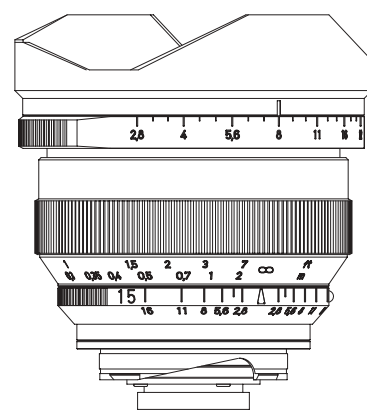
DISTAGON T* 2.8/15 ZM

THE SUPERSTAR OF ULTRA-WIDE PHOTOGRAPHY

The ultra-wide angle lens designed for high-speed performance and full integration with TTL-exposure metering. It features a very complex floating lens element optical design that includes 11 lens elements of exotic optical materials such as barium dense flint with a high refractive index and fluor crown with anomalous partial dispersion and an aspheric surface. Equipped with this lens, you can expect incredible resolving power at high speeds opening up possibilities for handheld indoor shots previously impossible. It also gives you a remarkably even illumination of the frame. Quite simply, this lens is made for stunning photographic compositions, eye-catching advertising, documentation in cramped spaces and extremely dynamic architectural photos.

Focal length:	15 mm
Aperture range:	2.8-22
No. of lenses/groups:	11/9
Focusing range:	0.3 m (11.8") – infinity
Magnification at close range:	1:18
Coverage at close range:	43x65 cm (14.9"x 2'1.6")
Angle of view diag/horiz/vert:	110/100/77 degrees
Filter:	M72x0.75
Weight:	370 g (13.0 oz.)

Ordering number silver finish:	30 82015
Ordering number black finish:	30 82016



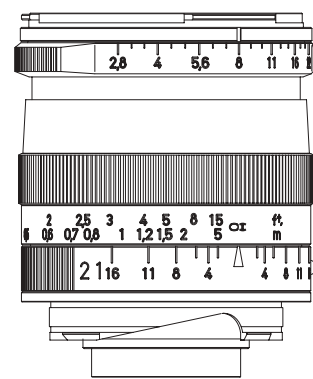
BIOGON T* 2.8/21 ZM

THE EXPERT FOR CONFINED SPACES AND SUPER-WIDE PHOTOGRAPHY

This lens gives you image quality far beyond that of any SLR super-wide angle lens. In fact, it is specifically designed to meet the resolving power challenges of a super-wide angle lens that must perform demanding documentation tasks. It is capable of capturing minute details with unparalleled crispness and accuracy giving you superior image quality and virtually nonexistent geometric distortion. It lets you shoot demanding architectural interiors, for example, with unequalled speed and ease. This lens will literally open up new horizons making it perfect for extreme landscapes, inspiring architecture and demanding interiors.

Focal length:	21 mm
Aperture range:	2.8-22
No. of lenses/groups:	9/7
Focusing range:	0.5 m (1'7.7") – infinity
Magnification at close range:	1:21
Coverage at close range:	51x76 cm (1'8"x 2'6")
Angle of view diag/horiz/vert:	90/80/58 degrees
Filter:	M46x0.75
Weight:	300 g (10.6 oz.)

Ordering number silver finish:	30 82021
Ordering number black finish:	30 82022



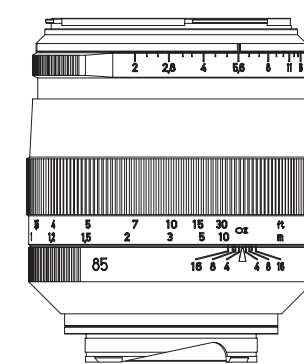
SONNAR T* 2/85 ZM

THE FLEXIBLE SELECTOR

This lens gives you perfectly sharp images over the entire focusing range from infinity to close-up – even wide open. It is the first M-mount telephoto lens with floating elements and incorporates an ultra-precise, nonlinear rangefinder coupling mechanism. For you, this lens is a powerful creative tool for highlighting your subject whether it be a landscape, garden, building or a human face. You no longer have to compromise image crispness and resolution of fine detail when you get in close and select details. As a result, this lens is the obvious choice for portraits, details and photojournalism.

Focal length:	85 mm
Aperture range:	2-16
No. of lenses/groups:	6/6
Focusing range:	1 m (3'3.4") – infinity
Magnification at close range:	1:10
Coverage at close range:	23x35 cm (9"x 1'1.8")
Angle of view diag/horiz/vert:	29/24/16 degrees
Filter:	M55x0.75
Weight:	450 g (15.9 oz.)

Ordering number silver finish:	30 82085
Ordering number black finish:	30 82086



LENS ACCESSORIES

PRODUCT	ORDERING NUMBER
Viewfinder ZI 15 mm	30 85115
Viewfinder ZI 21 mm	30 85121
Viewfinder ZI 25 mm / 28 mm	30 85125
Lens shade 21 mm / 25 mm	30 85521
Lens shade 25 mm / 28 mm	30 85525
Lens shade 35 mm / 50 mm	30 85535
Lens shade 85 mm	30 85585



A SYSTEM TO SATISFY YOUR PASSION



Biogon T* 2.8/25 ZM



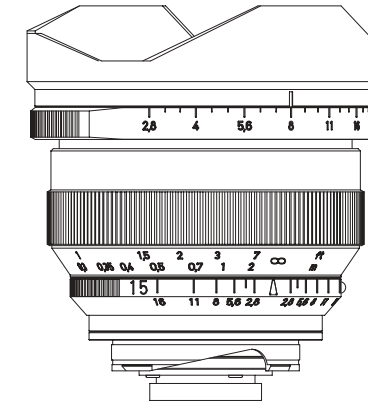
Biogon T* 2.8/28 ZM



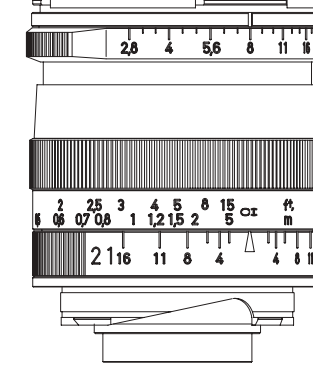
Biogon T* 2/35 ZM



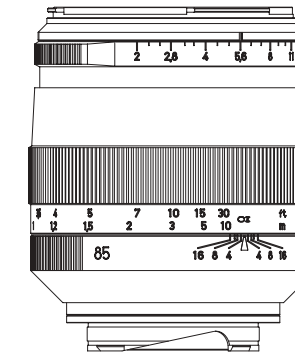
Planar T* 2/50 ZM



Distagon T* 2.8/15 ZM



Biogon T* 2.8/21 ZM



Sonnar T* 2/85 ZM

Our passion is to create the ultimate range of M-mount lenses. But really that's just the beginning. After all, only a complete M-mount rangefinder system featuring a camera that makes best use of our lenses will satisfy your passion – and that's exactly what we've accomplished. It's called the Zeiss Ikon.

We decided to design our own camera body because other cameras simply cannot match the performance standards of our lenses. The Zeiss Ikon boasts the widest rangefinder base on the market for exceptional accuracy. It also comes with a triangulation rangefinder that ensures extreme wide-angle focusing precision. Not to mention the convenience and speed of TTL exposure metering and even TTL auto-exposure with center-weighted integral sensitivity pattern. Just to name a few highlights. And because it features an M-mount, you can use your existing M-mount lenses and upgrade to Carl Zeiss over time.

This camera is for the truly passionate. Keeping you in control as you capture the inspiration around you. A camera that literally takes the rangefinder concept to the outer extreme, successfully reaching the technology and optical limits. Quite simply it cannot get any better. Finally, a rangefinder system that can satisfy your passion, too.

To find out more about the Zeiss Ikon, start by taking a look at the back cover.

We reserve the right to make changes without notice.

Zeiss Ikon – the legend is back with a passion. This time as the ultimate 35 mm rangefinder camera with an M-mount.



We reserve the right to make changes without notice.

Our passion is to create the ultimate rangefinder camera. But really that's just the beginning. After all, only a complete M-mount rangefinder system that includes high precision lenses will satisfy your passion – and that's exactly what we've accomplished.

The Zeiss Ikon rangefinder system includes a complete range of Carl Zeiss lenses featuring the very latest optical designs. In fact, in terms of high performance, precision sharp resolution and durability, we are targeting the limits of what can possibly be achieved. They are specifically designed to minimize focus shift with aperture variation, particularly important for rangefinder photography. They also feature highly advanced flare control for truly brilliant images: virtually zero geometric distortion for accurate reproduction of object shapes – from faces to architecture; and a precise 10-blade aperture with 1/3 stop interval click stops for exact exposure. Just to mention a few highlights.

As a whole, the Zeiss Ikon rangefinder system has taken rangefinder photography to a new level. Take a closer look, explore all the smart innovations and built-in creative potential. Finally, a rangefinder system that can satisfy your passion, too.

To find out more about the Carl Zeiss lenses, start by taking a look at the back cover.

A SYSTEM TO SATISFY YOUR PASSION

TECHNICAL DATA

Camera type:	Compact rangefinder system camera with focal plane shutter and TTL light metering system	Viewfinder display:	LED symbols for selected shutter speed along left side of frame. Warnings for out of range shutter speeds and low battery
Film format:	24x36 mm on 35 mm film	Shutter and shutter speed:	Vertically moving electronically controlled metal type. Shutter speeds with 1/12 f-stop resolution between 1/2000 s to 8 s in AE mode, full f-stops between 1/2000 s to 1 s in manual mode, B
Lenses:	Carl Zeiss T* ZM-mount lenses with focal length 15 to 85 mm. Can also use all other lens types with M bayonet	Flash synch:	Synchronization at 1/125 s and longer shutter speeds
Viewfinder:	0.74X magnification. Bright range- and viewfinder with bright line frames activated by used lens type. Displayed frames 28/85 mm. 35 mm, 50 mm. Separate frame selector lever for manual frame selection independent of mounted lens. Automatic parallax compensation. Diopter correction lenses -4 to +2 diopters. Standard setting at -1 diopter	Film transport:	Manual advance with quick lever. Rewinding with rewind lever
Large base rangefinder:	Coincident-image rangefinder in the center of the viewfinder image. Measurement base 75 mm (effective 55.9 mm)	Camera body:	One piece aluminium base structure. External metal covers. Tripod thread ¼ inch in base plate
Exposure metering:	TTL center-weighted metering at working aperture. Metering range (at ISO100 and f/2) EV 0 to EV 19 (f/2-4s, f/16-1/2000 s)	Batteries:	Two 1.5V cells type LR44 or SR44
Film speed range:	Manually set between ISO 25-3200 with 1/3 incremental f-stop	Dimensions:	138 x 78 x 32 mm (5.4"x3.1"x1.3")
Exposure modes:	AE with aperture priority or manual. AE lock option. Exposure compensation +/- 2 f-stops in 1/3 steps set at shutter speed dial	Weight:	500 g (1 lb 2 oz.)
		Ordering number silver finish:	30 81035

RESERVE YOUR PASSION

To mark the return of Zeiss Ikon we are offering a unique limited edition. The first 1,200 Zeiss Ikon rangefinder cameras sold will feature a special insignia and come with an attractively designed camera case. Be part of this historical event – and take your passion to the extreme.

So reserve your Zeiss Ikon today. Be one of the first to experience what this camera is all about. Simply go to www.zeissikon.com or contact your local Carl Zeiss/Zeiss Ikon dealer today.

The Zeiss Ikon limited edition: a camera for the truly passionate.



FOR THE HAND-CRAFTED ART OF PHOTOGRAPHY

The new Zeiss Ikon camera combines a classical design with easy-to-use operation. Features and controls are designed to make practical photography comfortable and free from unpleasant surprises caused by the camera. Manual or auto TTL exposure metering as well as an AE-lock function gives you complete control of the exposure situation. So that you can make best use of the entire system – from the film to the lens. Quite simply, you can count on a highly versatile creative tool that won't let you down.

Unlike 35 mm SLR camera viewfinders, for example, that can only show little more than 90% of what will be recorded on film, the Zeiss Ikon viewfinder lets you see the area that surrounds the actual image giving you greater possibilities and confidence as you compose each image. What's more, the triangulation rangefinder combined with a viewfinder base that is the widest available means that you can expect extreme accuracy and wide-angle focusing precision.

All of this and more so that you can follow your passion: creating great images.



AE-lock button for optional permanent lock of exposure value

Exceptional viewfinder brightness ensures impressive low light capability (far greater than in any SLR)

Shows the surrounding area of the actual image for extra confidence when composing dynamic images

Bright and sharp rangefinder field perfectly positioned and centered in the viewfinder image. It does not shift or wander when focusing

Full-metal curtain vertical travel shutter (1-1/2000 s, flash synch at 1/125 s) that cannot be burnt by the sun if focused on a shutter curtain

75 mm rangefinder base for remarkable accuracy (the widest on the market)

Extra large viewfinder eyepiece and a brilliant viewfinder image, unaffected by flare

For convenience and speed, designed with a TTL exposure metering and TTL auto-exposure with a center-weighted integral sensitivity pattern

Features a frame selector mechanism compatible with the M-mount standards

Precisely positions the film at the optimum distance from the lens and holds it securely flat

Reliable, high-precision M-mount for interchangeable lenses

Triangulation rangefinder, the most effective rangefinder principle for precision focusing of wide-angle lenses

Metal body for mechanical and thermal long-term stability

CREATIVITY READY TO HAPPEN

Think of the Zeiss Ikon as a steady, precision platform that allows your Carl Zeiss lens to perform to the very limits of its capability. After all, a convincing camera has to be up for the challenges, some technical, some creative. This is why we have decided to design our own rangefinder camera.

WHY FILM AND NOT DIGITAL?

Why introduce a film based camera system when mainstream photography is more digital than ever before? The answer is simple: our passion for the highest possible image quality. We know photography inside and out – from lens design to camera and sensor material performance. Simply put, a camera system is only as strong as its weakest link. Compared to the quality offered by today's color film, digital sensors still have a way to go before the truly passionate are satisfied.

THE OPTIMAL SENSOR MATERIAL

Carl Zeiss is deeply involved in several digital camera systems. After all, there's no doubting that photography will be both analogue and digital – each offering its own benefits. Yet for now, the new Zeiss Ikon system with its rangefinder design and wide-angle, top-notch lenses is based on the optimal sensor material for discerning 35 mm photographers: film.

When digital technology takes another leap or two, you can count on us to come up with high performance digital systems that will satisfy even the truly passionate. And your Carl Zeiss T* ZM-mount lenses will be ready.

There's something incomparably special about film that goes far beyond nostalgia: the feel of it, the smell of it and, of course, the unparalleled image quality that, at least for now, only film can achieve.



BACK WITH A PASSION

Some people eagerly take the less travelled path if it means being able to follow their passion. Ignoring popular belief, challenging conventional wisdom and doing the unexpected. If you are truly passionate about the creative power, freedom and intimacy of 35 mm rangefinder photography, then we have a lot in common.

The fact is that we are driven by a passion: to design the ultimate 35 mm rangefinder camera. And we know what we want to achieve – an entirely new camera with roots that are legendary. A camera that will literally reach the outermost limits of what is mechanically and optically possible in a rangefinder. Giving you the ultimate in high performance, reliability and the precision control of manual everything. An M-mount camera that quite simply can't get any better. Just pure, no-nonsense fun and inspiration. Yes, an inspiring camera for the truly passionate.

We call it the Zeiss Ikon. And it will be available in early 2005 – sooner than you think, really. So get ready to free your passion. We have.

The legend is back Zeiss Ikon was formed by Carl Zeiss in 1926 bringing together some of the most famous names in German camera manufacture. The result was a series of innovative new camera models, in both medium and 35 mm formats, featuring outstanding quality. The last Zeiss Ikon camera was produced in 1972 – until now, that is. Finally, a rangefinder camera that allows you to take full advantage of the most superior M-mount lenses in the world.



Zeiss Ikon
Carl Zeiss

