

The Photographer's Ultimate Creative Tool.

Introducing the Contax N1 Auto Focus 35mm SLR System.

With three World's First features, a new series of Carl Zeiss **T*** Auto Focus optics and a host of other innovations, the N1 brings photographers an entirely new level of creative control never before possible in a 35mm Auto Focus SLR. Contax now offers photographers the first Auto Focus System that truly assists in artistic composition.



Newly Designed Carl Zeiss T* Auto Focus Lenses



As part of a totally new SLR system, Contax has introduced seven state-of-the-art Carl Zeiss T* N-Mount Auto Focus lenses. Incorporating Ultrasonic Motors*, these lenses set a new standard of optical excellence in Auto Focus photography. Also available for the N1 is an optional NAM-1 mount adapter, allowing the use of all eight Contax 645 Medium Format lenses.

(*The Carl Zeiss Makro-Sonnar T* 100mm f/2.8, Vario-Sonnar T* 28-85mm f/3.5-5.6 and Vario-Sonnar T* 70-200mm f/3.5-4.5 use DC type motors)

Carl Zeiss T* N-Mount Lenses

Vario-Sonnar T* 17-35mm f/2.8
Vario-Sonnar T* 24-85mm f/3.5-4.5
Vario-Sonnar T* 28-80mm f/3.5-5.6
Vario-Sonnar T* 70-200mm f/3.5-4.5
Vario-Sonnar T* 70-300mm f/4-5.6
Planar T* 50mm f/1.4
Makro-Sonnar T* 100mm f/2.8

Carl Zeiss T* 645 Lenses

Distagon T* 35mm f/3.5
Distagon T* 45mm f/2.8
Distagon T* 55mm f/3.5
Planar T* 80mm f/2
Sonnar T* 140mm f/2.8
Sonnar T* 210mm f/4
Tele-Apottessar T* 350mm f/4
Apo-Makro Planar T* 120mm f/4

World's First!

5-Point Wide Array Diagonal Focus System

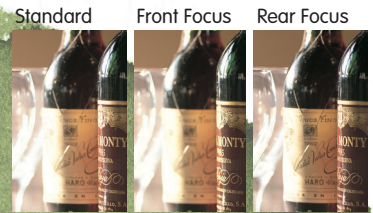
Extensive research has lead Contax to develop an unprecedented 5-point Auto Focus sensor pattern designed to enhance composition and creativity. The Diagonal Focus System, based on the "Rule of Thirds" artistic principle, allows the photographer to select an individual or a combination of sensors with a toggle switch. The selected sensors illuminate and confirm focus with an optional audio verification feature. This innovative system lets you instantly switch between Auto Focus and Manual Focus, allowing fine adjustments for optimum depth of field control.



World's First!

Fine Focus ABC (Auto Bracketing Control)

To obtain the ideal focus point, professional photographers often take several photos of the same composition, slightly altering the focus point. By selecting the Fine Focus option, the focus point is moved to several slightly different positions (forward and back), normally not observable through the viewfinder. This ensures the photographer has achieved the optimum focus point in all situations.



World's First!

Liquid Crystal Display Viewfinder

The Contax FE-1 externally mounted LCD Viewfinder offers a whole new way of seeing your subject. Offering color and monochrome displays, the photographer can preview both composition and exposure in real time. With built-in shutter release, the viewfinder can also be positioned for remote photography.



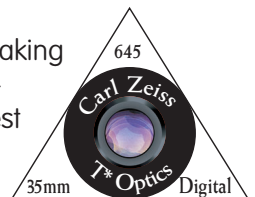
N Series Digital Camera

To extend the N1 system, Contax has introduced the N Digital camera. Incorporating a 6+ megapixel, full frame 24x36mm sensor, the N Digital will allow the photographer to utilize all 15 of the Carl Zeiss T* Auto Focus lenses.



Contax Offers A New Era Of Creative Photography

Never before in the history of image making has there been a multi-platform, multi-media solution offering the world's finest optics: Carl Zeiss T* Auto Focus lenses. Now today's photographer can go into the studio or the field and cover a wider range of assignments with either film or digital-based media. Three camera systems, all utilizing Carl Zeiss T* AF lenses. The Future of Auto Focus Imagery.



Carl Zeiss **T*** N-Mount Auto Focus Lenses

Vario-Sonnar **T*** 17-35mm f/2.8



The Carl Zeiss N Vario-Sonnar T* 17-35mm f2.8 is an ultra wide angle, high-speed zoom lens that covers the focal range of 17mm to 35mm. It incorporates three aspherical lenses, two low dispersion glass lenses and one high index glass lens. It has the ability to produce extraordinary image quality across the image field. The auto focus is powered by an ultra, supersonic wave motor, which provides for extremely quiet operation.

- Lens construction: 15 elements in 10 groups
- Angular field: 104° ~ 63°
- Focus adjustment: Auto, Manual
- AF/MF: Dual Focus Mechanism
- Aperture control: Auto
- Stops: 2.8 – 4 – 5.6 – 8 – 11 – 16 – 22
- Minimum Focus (ft./m) 1.64/0.5
- Filter: 95 mm screw in type
- Hood: GB-103 Bayonet-type
- Dimensions (in/mm): 4.01 (diameter) x 3.77 (length) / 102 x 96
- Weight (lb/g): 2/ 910
- Accessories: Lens cap, rear cap, case

Vario-Sonnar **T*** 24-85mm f/3.5-4.5



A standard zoom lens suited for ultra wide-angle to medium-range use. It can be used as close as 50cm from the subject, even at maximum focal length. Two glass aspheric lenses combined with a pair of anomalous dispersion elements, also glass, to ensure optical performance equivalent to that of a fixed focal lens. Distortion is minimized, even when used at widest angle, allowing very natural-looking results.

- Lens construction: 14 elements in 12 groups (internal focusing)
- Angular field: 84° ~ 29°
- Focus adjustment: Auto, Manual
- AF/MF: Dual Focus Mechanism
- Aperture control: Auto
- Stops: 3.5 – 5.6 – 8 – 11 – 16 – 22
- Minimum Focus (ft./m) 1.6 / 0.5
- Filter: 82 mm screw in type
- Hood: GB-81 Bayonet-type
- Dimensions (in/mm): 3.34 (diameter) x 2.79 (length) / 85 x 71
- Weight (lb/g): 1.41/ 640
- Accessories: Hood, lens cap, rear cap, case

Vario-Sonnar **T*** 28-80mm f/3.5-5.6



A compact, high performance zoom lens with one aspherical lens element, it offers extraordinary image quality in a focal length range most often used. With a weight of only 13.1 ounces, it is the perfect lens to choose when the need to travel light is paramount. In addition, the lens offers a macro function that allows close-up photography up to 1:4 magnification at a distance of .25 meters.

- Lens construction: 7 elements in 7 groups
- Angular field: 75° ~ 30°
- Focus adjustment: Auto, Manual
- AF/MF: Manual switch
- Aperture control: Auto
- Stops: 3.5 – 5.6 – 8 – 11 – 16 – 22
- Minimum Focus (ft./m) 1.64/0.5 (0.82/0.25 telephoto macro position)
- Filter: 55 mm screw in type
- Hood: GB-51 Bayonet-type
- Dimensions (in/mm): 2.99 (diameter) x 2.75 (length) / 76 x 70
- Weight (oz/g): 13.1/ 370
- Accessories: Hood, lens cap, rear cap, case

Vario-Sonnar **T*** 70-200mm f/3.5-4.5



This lens has been developed by Carl Zeiss to cover medium and long-range telephoto applications. While the lens has a nearly 3 times zoom, the aperture range is an incredibly fast f/3.5 to 4.5. The compact size and zooming range for this lens makes it the perfect solution for getting close to subject without the size and weight typically found in a lens of this type.

- Lens construction: 14 elements in 11 groups
- Angular field: 34° ~ 12°
- Focus adjustment: Auto, Manual
- AF/MF: Manual switch
- Aperture control: Auto
- Stops: 3.5 – 5.6 – 8 – 11 – 16 – 22
- Minimum Focus (ft./m) 3.28 / 1
- Filter: 67 mm screw in type
- Hood: GB-77 Bayonet-type
- Dimensions (in/mm): 3.05 (diameter) x 4.19 (length) / 77.5 x 106
- Weight (lb/g): 1.43/ 650
- Accessories: Lens cap, rear cap, case

Vario-Sonnar **T*** 70-300mm f/4-5.6



A zoom lens for both medium and long-range telephoto applications. As well as featuring a tele-macro function that allows up to 1:4 magnification at a distance of 1 meter, this lens incorporates a glass anomalous dispersion element to correct a variety of aberrations. This results in excellent color and contrast reproduction, as fine as you would expect from a fixed focal length lens.

- Lens construction: 16 elements in 11 groups (internal focusing)
- Angular field: 34° ~ 8°
- Focus adjustment: Auto, Manual
- AF/MF: Dual Focus Mechanism
- Aperture control: Auto
- Stops: 4 – 5.6 – 8 – 11 – 16 – 22 – 32
- Minimum Focus (ft./m) 4.9 / 1.5 (3.3 / 1.0 telephoto macro position)
- Filter: 72 mm screw in type
- Hood: GB-75 Bayonet-type
- Dimensions (in/mm): 3.42 (diameter) x 5.07 (length) / 87 x 129
- Weight (lb/g): 2.25/ 1,020
- Accessories: Lens cap, rear cap, case

Planar **T*** 50mm f/1.4



Invented by Dr. Paul Ruddolf, the Planar lens is one for which Carl Zeiss is world-renowned. It's symmetrical construction is extremely effective at eliminating aberrations. It is therefore able to offer the photographer performance that is truly worthy of the Zeiss name – including remarkable clarity, faithful color reproduction, rich gradations, and a delicate background blurring.

- Lens construction: 7 elements in 6 groups
- Angular field: 46°
- Focus adjustment: Auto, Manual
- AF/MF: Dual Focus Mechanism
- Aperture control: Auto
- Stops: 1.4 – 2 – 2.8 – 4 – 5.6 – 8 – 11 – 16
- Minimum Focus (ft./m) 1.5 / 0.45
- Filter: 67 mm screw in type
- Hood: GB-76 Bayonet-type
- Dimensions (in/mm): 2.16 (diameter) x 3.09 (length) / 55 x 78.5
- Weight (oz/g): 11.2 / 320
- Accessories: Lens cap, rear cap, case

Makro-Sonnar **T*** 100mm f/2.8



A highly precise lens that can be used over a wide range, from infinity to full-size close-up. The floating lens element ensures vivid detail throughout the focusing range. The three anomalous dispersion elements provide unsurpassed image quality across the image area. Two AF modes can be selected – whole-field and zoned (macro up to 1 meter, standard for more than 1 meter) – facilitating various auto focus applications.

- Lens construction: 12 elements in 8 groups
- Angular field: 24.7°
- Focus adjustment: Auto, Manual
- AF/MF: Dual Focus Mechanism
- Aperture control: Auto
- Stops: 2.8 – 4 – 5.6 – 8 – 11 – 16 – 22
- Minimum Focus (ft./m) 1.05 / 0.32
- Filter: 72 mm screw in type
- Hood: GB-73 Bayonet-type
- Dimensions (in/mm): 3.38 (diameter) x 5.11 (length) / 86 x 130
- Weight (lb/g): 2.11 / 960
- Accessories: Lens cap, rear cap, case

CONTAX N1

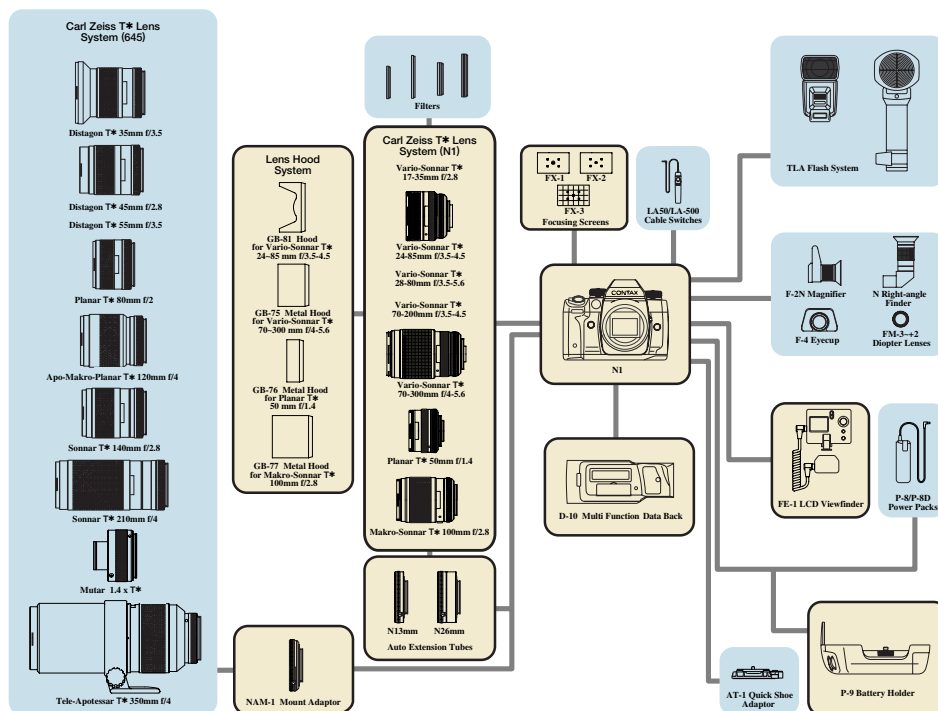
The Contax N1 features technological advances not found in any other camera system. Contax has also introduced three new N-mount lenses exclusively developed by Carl Zeiss for use with the Contax N1. With a total of seven N-mount lenses, the Contax N1 system is ready for any photo assignment.

In addition to the 3 new lenses, by utilizing the NAM-1 Mount Adapter, you have the luxury of using any of the 8 Carl Zeiss T* medium format lenses from the 645 system.

The N1 now proudly joins the family of Contax SLR's. While the N1 system provides yet another option to photographers, the Contax tradition of allowing photographers to totally control their camera with manual focus will continue. It's all part of the Contax belief to allow each individual photographer to select the camera and lenses that will provide them with the ability to express their creativity.

- First Contax 35mm Camera with interchangeable auto focusing Carl Zeiss lenses in exclusive new N-mount
- Five point AF System with diagonally arrayed AF sensors, central cross-field sensor
- ABC Focus bracketing (Auto Bracketing Control)
- Active AF sensor selected with a unique joystick
- Accepts many Contax AX and RTS accessories
- Allows the use of 645 lenses with the NAM-1 adapter
- Optional remote FE-1 LCD viewfinder

CONTAX N SYSTEM



Additional lenses not shown above are the Carl Zeiss M Distagon T* 55mm f/3.5, Carl Zeiss N Vario-Sonnar T* 17-35mm f/2.8, Carl Zeiss N Vario-Sonnar T* 28-80mm f/3.5-5.6 and Carl Zeiss N Vario-Sonnar T* 70-200mm f/3.5-4.5.

CONTAX N1 Specifications

Type	35mm focal plane shutter AF/AE SLR camera
Frame Size	24 x 36mm
Lens Mount	Contax N-Mount
Shutter	Vertical-travel focal plane shutter
Shutter Speed	AV, P: 32" ~ 1/8000" TV, M: 4" ~ 1/8000" (shutter dial), 32" ~ 1/8000" (command dial) B: Bulb; X: 1/125"
Sync Settings	X setting (1/250" or slower), direct X setting sync-terminal provided
Self-timer	Electronic type with 2 & 10-sec. delays
Shutter Release	Electronic release with dedicated cable switch socket
Exposure Control Modes	(1) Aperture priority auto; (2) Shutter priority auto; (3) Program auto; (4) Manual exposure; (5) TTL auto flash
Metering System	Matrix, center-weighted average, or spot (selectable)
Metering Range	EV 0~21 (matrix/center-weighted average metering) EV 3~21 (spot metering; based on 3mm dia. area in center of viewfinder)
Film Speed Setting	Automatic for DX-coded film (ISO: 25~5000) Manual setting (ISO: 6~6400)
AE Lock	EV at image plane stored in memory
Exposure Compensation	+2EV to -2EV, in 1/3 or 1/2 EV steps (selectable)
Exposure ABC System	Compensation: ±0.3EV or ±0.5EV or ±1EV (selected with Exposure A.B.C. Lever)
Coupled Flash System	TTL direct flash control
Flash Coupling	Automatic shutter speed adjustment when Contax flash unit reaches full charge
Flash Auto-set	Available for Contax flash units with auto-set function
Second curtain Sync	Available for Contax flash units with second curtain sync
Focusing System	TTL phase-difference detection (5-point)
Focus Modes	Single AF, continuous AF (predictive), manual
Fine Focus A.B.C. System	Automatic (set with focus dial)
Viewfinder	Fixed eye-level pentaprism (long eye-point) 95% field-of-view, 0.73x magnification (with 50mm standard lens at infinity, 1D diopter), fitted with eyepiece shutter
Dioptic adjustment	Internal mechanism, adjustable from -3D to +1D; FM type eyepiece lenses (2 types) optionally available

Focusing Screen	Supplied with whole-view matte FX-2; interchangeable with other FX-type screens
Finder Display	Focus frames, Exposure A.B.C. icon, Fine Focus A.B.C. icon, Exposure counter; self-timer counter, Exposure A.B.C. sequence, Fine Focus A.B.C. sequence, Multiple exposure counter, Film status, Metering indicator, Flash ready, Focus indicator, Aperture, Shutter speed, Exposure meter, Exposure compensation, Metering divergence, Manual exposure icon, Exposure compensation icons
Display Panel	Exposure counter, Self-timer counter, Exposure A.B.C. sequence, Fine Focus A.B.C. sequence, Multiple exposure counter, Bulb time, Film status, Focus frame selection, Exposure compensation (when exposure compensation dial is in green position), Multi-exposure icon, Drive indicators, Battery status, Aperture, Shutter speed, Film speed, Customized functions
Film Loading	Auto loading, automatic film advance to frame "01"
Film Advance	Automatic film advance using internal motor
Film Rewind	Automatic film rewind using internal motor (auto return, auto stop) with mid-roll option
Drive Modes	Single-frame, continuous exposure, self-timer (2", 10")
Film Advance Speed	Max. 35 frames per second in continuous ("C") mode [with fresh battery at room temperature]
Exposure Counter	Automatic resetting, additive type; visible on display panel and inside viewfinder
Accessory Shoe	Direct X contact (coupled w/ TLA flash)
Power Source	6V lithium battery (2CR5) x 1
Battery Check	Automatic, status indicated on display panel
Film rolls per charge	Approx. 20 at room temperature (68°F/20°C), 5 at low temperature (14°F/-10°C) [assuming: 36-exposure rolls, new battery, drive mode "S", Vario-Sonnar T* 24-85mm lens, focusing from infinity to close-up and back to infinity for each shot, 16-sec. pause after each shot] Approx. 50 at room temperature (68°F/20°C), 10 at low temperature (14°F/-10°C) [assuming: 36-exposure rolls, new battery, drive mode "S", Vario-Sonnar T* 24-85mm lens, focusing from infinity to close-up and back to infinity for each shot, 4-sec. pause after each shot]
Other Features	Exposure check button, Depth-of-field preview button, AF light, customizable functions
Dimensions (W x H x D)	6 x 4-9/16 x 2-3/4 in. (152.0 x 116.5 x 69.0mm)
Mass (weight)	1.75lbs. (795g) w/o battery

Design and specifications are subject to change without notice



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