

TAMRON

35-70mm F3.5

CF Macro Compact Zoom
Model 17A



A Newly-developed Versatile 'Standard' Zoom With Tamron's MOD Selector System

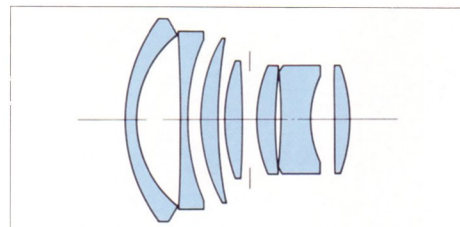
1. Lightweight and compact.
2. Innovative optical design.
3. Wide-belt zoom grip is fast and easy to handle.
4. Continuous focusing (CF) and constant F-number.
5. Tamron's exclusive MOD (Minimum Object Distance) Selector System expands the lens' close-up capability.
6. Replaces 'standard' lens giving wide-angle, standard, telephoto and macro facility.

High performance, lightweight, ultra-compact standard zoom.

This is a high-performance, compact macro zoom with a f/3.5 aperture covering the entire focal length — 35mm for wide-angle, 50mm for normal and 70mm for portrait and medium telephoto work coupled with a maximum macro reproduction ratio of 1:2.8.

The innovative optical system of this lens consists of a two-group zoom design. Astigmatism and off-axis coma distortion have been virtually eliminated through the use of a new type concave element in the first group, and two convex elements of high refractive index glass in the second group. This lens gives sharp, high contrast images from the centre of the field to the periphery

throughout the focusing and zooming ranges.



35-70mm F3.5



35~70mm F3.5 TAMRON

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$f = 70\text{mm}$, $F/5.6$, $1/60\text{ sec.}$



$f = 35\text{mm}$, $F/3.5$, $1/125\text{ sec. (w/strobo)}$

Lightweight and Compact

The lens weighs only 330 grams (11.6 oz) and measures 55mm (2.1 in) in length.



The new wide-belt zoom grip gives improved zooming accuracy and easy handling.

Continuous Focusing (CF)

This feature allows focusing in one continuous movement from infinity to macro close-ups without the need to go into a separate macro mode. This allows you to frame your subjects just how you want, without having to take your eye away from the viewfinder.

Constant F-number

The constant f-number feature ensures that there is no change in the aperture, even when the lens is focused down to 1:2.8 for macro close-ups. There is no necessity to work out complicated exposure calculations or factors when working with an electronic flash.

MOD (Minimum Object Distance)

Selector System enables photography as close as 0.25m (9.8 in).

The Tamron 35-70mm f/3.5 CF Macro Compact Zoom features Tamron's exclusive MOD Selector System. Generally non-zoom lenses have different minimum object distances (MOD) depending more or less on the focal

length. Many conventional zoom lenses on the other hand have the same MOD at all focal lengths from wide angle to telephoto. In other words, their minimum object distance is limited to that at their wide angle position.

A world's first, Tamron's MOD Selector System provides the shortest MOD for each focal length to enable extremely close focusing of 0.25m (9.8 in) in the telephoto range at the 70mm focal length to give a maximum magnification ratio of 1:2.8. Thus performance is vastly superior to that of ordinary zoom lenses in this class. The expanded focusing range enables a wide choice of creative possibilities to be covered with just one lens.

Specifications:

Focal Length	: 35-70mm
Aperture Range	: F/3.5 - 32, AE
Lens Construction	: 7 elements, 7 groups
Coating	: BBAR (Broad Band Anti-Reflection) multiple layer coating
Angle of View	: $64^\circ - 34^\circ$
Minimum Focus from Film Plane	: 0.9 m (35.4 in) at $f=35\text{mm}$ 0.25m (9.8 in) at $f=70\text{mm}$
Max Magnification	: 1:2.8 (at $f=70\text{mm}$)
Zooming System	: Rotation system
Lens Accessory Size	: 58mm
Length(at infinity)	: 55mm (2.1 in)
Diameter	: 65.6mm (2.6 in)
Weight	: 330 grams (11.6 oz)
Lens Hood (Available as an Optional Extra)	: Push on
Optional Accessory	: F-system 2X auto-tele-converter

Minimum Aperture of F/32

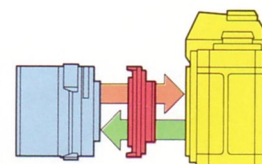
A minimum aperture of f/32 maximises depth of field at every focal length.

Easy-to-read Macro Scale

The maximum magnification ratios changing with variations in object distance are clearly shown.

Accepts F-system 2x Auto Converter

The F-system 2x auto-converter (available as an optional extra) doubles the focal length to 70-140mm and increases the maximum magnification ratio to 1:1.4.



Adaptall/Adaptall-2

Interchangeable Mount System

Canon FD/FT
Contax/Yashica
Fujica ST
Fujica AX Bayonet
Konica Autoreflex
Mamiya MSX/DSX
Mamiya ZE (in development)
Minolta MD
Nikon AI
Olympus OM
Pentax ES/Spotmatic F
Pentax K
Praktica LLC Series (electric coupling)
Praktica B200 Series
Rollei SL/Voigtlander VSL
Topcon RE
Universal (Praktica 42mm screw)
'C' mount for CCTV/VTR cameras and 16mm movie cameras
'MS' mount for CCTV/VTR cameras

A special case is available as an optional extra to take the lens with the camera in use. It is available in three sizes (small, medium and large) to fit most popular SLRs.

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Specifications and availability are subject to change without notice.

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