

# tamron<sup>®</sup>

## *Adapt-A-Matic*<sup>®</sup>

A new standard  
of optical excellence  
and versatility  
for every  
single lens reflex  
camera owner



**FULLY AUTOMATIC SLR LENS SYSTEM**

# tamron

## THE TAMRON ADAPT-A-MATIC LENS SYSTEM

A milestone in SLR Optics!

It is only fitting that TAISEI KOGAKU KOGYO CO., LTD., long a world-leader in optics would produce a system of fully automatic lenses that sets a new standard for optical and mechanical excellence and versatility.

No finer lenses at any price!

For brilliant performance and the ability to produce consistently sharp results, Tamron Adapt-A-Matic Lenses are the equal of, and in many cases, actually superior to "original equipment" lenses costing up to twice as much.

**An entirely new concept in automatic lens interchangeability!**

The Tamron Adapt-A-Matic System includes a range of 9 high-performance lenses—from 21mm to 300mm, plus 3 smooth-handling high-speed zooms. Each is adaptable to 29 of the most popular SLR cameras through the use of extremely precise lens mounts which mate perfectly with the camera's automatic shutter mechanism.

Owners of one SLR camera can choose from this wide variety of Tamron Adapt-A-Matics of varying focal lengths. Owners of two or more SLR's now need buy only one lens to fit all their cameras. Perfect interchangeability is achieved by using the correct inexpensive Adapt-A-Matic mount.

A never-before achieved combination of quality, price and interchangeability. Is it any wonder then that the Tamron Adapt-A-Matic System is considered to be a milestone in SLR optics?

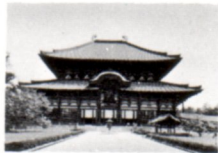
# AUTO TAMRON

## 35mm F2.8 Wide Angle

Shoot full coverage in tight places, or compose breathtaking scenics. In addition, this great lens gives you the advantage of sharply focused foreground and background over great distances.



With Normal Lens



With Tamron Lens



### SPECIFICATIONS:

Focal length:	f=35mm
Aperture range:	F2.8-F16 (2.8, 4, 5.6, 8, 11 and 16)
Lens components:	6 lens elements, 5 groups
Angle of view (at infinity):	64°
Diaphragm:	Fully automatic
Minimum focus:	0.3 meter (1 foot)
Focusing mechanism:	Straight helicoid focusing system
Filter Size:	55mm diameter, screw-in
Magnification ratio:	1: 0.7
Maximum diameter:	68mm
Overall length:	54mm
Weight:	255 grams (9 oz)



# AUTO TAMRON 135mm F2.8

A moderately-long telephoto lens, great for sports, nature study, portraits, under dim and difficult lighting conditions.



With Normal Lens



With Tamron 135mm



## SPECIFICATIONS:

Focal length:	f = 135mm
Aperture range:	F2.8-F22 (2.8, 4, 5.6, 8, 11, 16 and 22)
Lens components:	4 lens elements, 4 groups
Angle of view (at infinity):	18° 6'
Diaphragm:	Fully automatic
Minimum focus:	1.5 meters (5 feet)
Focusing mechanism:	Spiral helicoid focusing system
Filter size:	58mm diameter, screw-in
Magnification ratio:	1: 2.7
Maximum diameter:	63.5mm
Overall length:	89mm
Weight:	415 grams (14.6 oz)

## OTHER FEATURES:

- Built-in collapsible lens hood
- R-calibrated for infra-red photography

# AUTO TAMRON

## 200mm F3.5 Telephoto

Bore in...pick up the ball-carrier on the scrimmage line...stop the runner cold as he slides for second. Or, take delicate, beautifully detailed nature and wildlife studies.

Four-time magnification plus superior Tamron optics expands your wide world of picture possibilities.



With Normal Lens



With Tamron 200mm



### SPECIFICATIONS:

Focal length:	f=200mm
Aperture range:	F3.5-F22 (3.5, 4, 5.6, 8, 11, 16 and 22)
Lens components:	4 elements, 4 groups
Angle of view (at infinity):	12° 16'
Diaphragm:	Fully automatic
Minimum focus:	2 meters (6.5 feet)
Focusing mechanism:	Spiral helicoid focusing system
Filter size:	62mm diameter, screw-in
Magnification ratio:	1:4
Maximum diameter:	70mm
Overall length:	150mm
Weight:	795 grams (1 lb 12 oz)

### OTHER FEATURES:

- Built-in collapsible lens hood
- R-calibrated for infra-red photography
- Standard tripod socket ring, rotatable through 360°

# AUTO TAMRON 300mm F5.6 Telephoto

Dramatic possibilities are opened to you by this great 6x telephoto...areas of picture-making you may never have tried before. Imagine frame-filling shots of a bird's nest, for instance, isolated from distant foliage. Wonderful for sports, aerals, any place you want detail in distant in distant subjects...or extreme telephoto compression effects of foreground and background.



With Normal Lens



With Tamron 300mm



## SPECIFICATIONS:

Focal length:	f = 300mm
Aperture range:	F5.6-F22 (5.6, 8, 11, 16 and 22)
Lens components:	4 lens elements, 2 groups
Angle of view (at infinity):	8° 12'
Diaphragm:	Fully automatic
Minimum focus:	2.5 meters (8 feet)
Focusing mechanism:	Spiral helicoid focusing system
Filter size:	62mm diameter, screw-in
Magnification ratio:	1: 6
Maximum diameter:	70mm
Overall length:	200mm
Weight:	795 grams (1 lb 12 oz)

## OTHER FEATURES:

- Built-in collapsible lens hood
- R-calibrated for infra-red photography
- Standard tripod socket ring rotatable through 360°

# AUTO TAMRON 70mm-220mm F4 Zoom

A rugged, helical transport mechanism gives this great zoom lens image quality that equals fixed lenses. An infinite range of picture-taking capabilities, running a full gamut from moderate telephoto all the way to dramatic 4x magnification. One great lens for portraits, wild life, nature studies, sports, scenics -- a full range of telephoto applications.

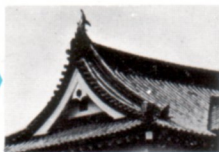
Here's varifocal convenience and economy--one lens doing the job of many--plus remarkable sharpness, brilliance and contrast all in one superb, fully automatic zoom lens.



With Tamron zoom 70mm



With Tamron zoom 150mm



With Tamron zoom 220mm



## SPECIFICATIONS:

Focal length:	70mm to 220mm (70, 85, 105, 125, 150, 180 and 220mm)
Zoom range:	1: 3.15
Aperture range:	F4-F22 (4, 5.6, 8, 11, 16 and 22)
Lens components:	14 lens elements, 11 groups
Angle of view(at infinity):	70mm-34° 10' 220mm-11° 10'
Diaphragm:	Fully automatic
Minimum focus:	2 meters (6.5 feet)
Focusing mechanism:	Spiral helicoid focusing system
Zoom mechanism:	Helical rotation, with mechanical compensation 1/4 turn of zoom ring covers the entire zoom range
Filter size:	67mm diameter, screw-in
Magnification ratio:	70mm-1: 1.4 220mm-1: 4.4
Maximum diameter:	71mm
Overall length:	189mm
Weight:	1,065 grams (2 lbs 6 oz)

## OTHER FEATURES:

- R-calibrated for infra-red photography
- Standard tripod socket ring, rotatable through 360°



# AUTO TAMRON 80mm-250mm F3.8 Zoom

A really fast zoom lens for dim-light photography. In fact, the fastest zoom lens in its range...anywhere! Responds to every creative urge. Picture-taking capability free of distortion and focus-shift. Yet, it's light enough for hand-held grab-shots. Incredibly sharp and brilliant at all focal length settings, all apertures.



With Tamron zoom 80mm



With Tamron zoom 150mm



With Tamron zoom 250mm



## SPECIFICATIONS:

Focal length:	80mm to 250mm (80, 100, 120, 150, 180, 210 and 250)
Zoom range:	1: 3.12
Aperture range:	F3.8-F22 (3.8, 5.6, 8, 11, 16 and 22)
Lens components:	14 lens elements, 9 groups
Angle of view(at infinity):	80mm-30° 250mm-9° 48'
Diaphragm:	Fully automatic
Minimum focus:	2 meters (6.5 feet)
Focusing mechanism:	Spiral helicoid focusing system
Zoom mechanism:	Helical rotation with mechanical compensation 1/4 turn of zoom ring covers entire zoom range
Filter size:	72mm diameter, screw-in
Magnification ratio:	80mm-1: 1.6 250mm-1: 5
Maximum diameter:	76mm
Overall length:	233mm
Weight:	1,280 grams (2 lbs 13 oz)

## OTHER FEATURES:

R-calibrated for infra-red photography  
Standard tripod socket ring, rotatable through 360°



# AUTO TAMRON

## 200mm-500mm F6.9 Zoom

A full range of focal lengths, all the way from 4X telephoto to 10X super-telephoto! This one superb varifocal lens goes to all lengths to give you needle-sharp nature studies, rich in detail; close-ups of distant scenes, picking out desired detail like a high-powered rifle. An ideal lens for dramatic sports shots: lets you frame the action just the way you want it...get the expression on the third baseman's face from 'way up in the grandstand. Use it for eye-catching zoom effects, too. Just a 2/5 rotation of the zoom handle travels the lens system through its full range.

Amazingly close focus, too, for a lens of its focal length...down to 10 feet! As useful for near distances as for far distances.



With Normal Lens



With Tamron zoom 200mm



With Tamron zoom 500mm



### SPECIFICATIONS

Focal Length:	200mm to 500mm (200, 250, 300, 400 and 500mm)
Zoom Range:	1:2.5
Aperture Range:	F6.9-F22(6.9, 8, 11, 16 and 22)
Lens Components:	14 lens elements, 8 groups
Angle of View(at infinity):	200mm-12° 16' 500mm- 4° 56'
Diaphragm:	Fully automatic
Minimum Focus:	3 meters (10 feet)
Zoom mechanism:	Helical rotation with mechanical compensation 144° turn of zoom ring covers entire zoom range.
Filter Size:	82mm, screw-in
Magnification Ratio:	200mm-1:4 500mm-1:10
Maximum Diameter:	90mm
Overall Length:	370mm
Weight:	2,750 grams (6 lbs.)

### OTHER FEATURES

R-calibrated for infra-red photography  
Standard tripod socket ring, rotatable and lockable through 360°  
Built-in collapsible lens hood

# tamron® *Adapt-A-Matic*® LENS MOUNTS

mate and couple perfectly with the automatic shutter mechanism of your SLR automatic 35's



for Asahi Penta S2,  
SV and SP, Praktica,  
Edixa, Mamiya TL,  
and Richo Singlex TL



for Nikon F, Fotomic,  
Nikkormat FS, FT, and  
Nikkorex F



for Minolta SR1, SR2,  
and SR7



for Minolta SRT101



Metal band with Link arm

high quality.....



Test and inspection department



TAISEI KOGAKU KOGYO CO.,LTD. plant near Tokyo, Japan

Lens polishing shop



Lens design section



Our longest best seller Pre-set zoom lenses and converter attachment, still available in limited quantities:

1)



### 200mm~400mm F6.3

Diaphragm system: Pre-setting type w/click stops  
 Lens composition <group-element>: 6-8  
 Angle of view: 12°16' at 200mm 6°10' at 400mm  
 Minimum focus <meter(feet)>: 3.7(12.0) Minimum aperture <F> 32  
 Net weight <gram>: 1,275 Overall length <mm(inch)>: 334(13.15)  
 Filter size <mm>: 77.....front 38.7.....rear

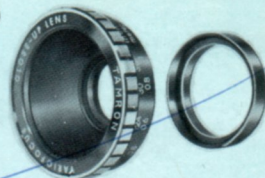
2)



### 55mm~90mm F4

Diaphragm system: Pre-setting type w/click stops  
 Lens composition <group-element>: 5-7  
 Angle of view: 43° at 55mm 27° at 90mm  
 Minimum focus <meter(feet)>: 1.5(5.0) Minimum aperture <F>: 16  
 Net weight <gram>: 580 Overall length <mm(inch)>: 104(4.09)  
 Filter size <mm>: 67.....front 34.....rear

3)



### CLOSE UP LENS and ADAPTER RING

Lens composition <group-element>: 2-2 Focus <meter>: 0.15-1  
 Net weight <gram>: 92 Overall length <mm(inch)>: 35(1.38)  
 Features: When mounted over a standard 50mm lens of 35mm SLR cameras, this lens will make the camera available for close-up photography at a distance from 0.15 to 1 Meter.  
 Adapter rings available(mmφ): 40.5, 46, 49, 52, 55 & 58.



Manufacturers & Exporters of all Photographic Lines

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