AF28-300mm F/3.5-6.3 XR Di VC
LD Aspherical [IF] MACRO

Tamron's Vibration Compensation — Blur-Stopping Power
With No Annoying Motion Delay In Your Viewfinder!

Digitally Integrated Design

Model A20 For Canon, Nikon
*For the information on the compatibility with Canon Eos series, see the back cover.

http://www.tamron.com
Tamron’s proprietary actuator and algorithms deliver a smooth, steady viewfinder image for effortless hand-held photography.

“Camera vibration” — the bane of hand-held photography

Camera vibration, or camera shake, is the term used to describe the reason a photo comes out blurry when the photographer moves just as he or she presses the shutter button. The resulting image usually looks fuzzy or out of focus. Camera vibration is the primary cause of poor image quality in hand-held photography.

Benefits of using vibration compensation technology

Vibration compensation technology delivers sharply focused photographs even in situations where camera vibration often occurs, such as in low light or when using the telephoto range of a zoom lens. It also enables you to use subject movement to good effect, bringing out the contrast between motion and stillness. You can also shoot without a flash, evoking the real atmosphere of a scene. VC technology made it possible to create exceptional images at slower shutter speeds under conditions where tripod was necessary.

An ultra-high zoom lens featuring Tamron’s Vibration Compensation mechanism

This lens covers an extremely broad range of focal lengths, from a wide 28mm to a super telephoto 300mm (the 35mm equivalent of 43mm to 465mm when used on an APS-C digital SLR). Tamron’s Vibration Compensation mechanism works throughout the entire zoom range, giving you the freedom to create a wide variety of different images.

Special features of Tamron’s Vibration Compensation mechanism

Thanks to the proprietary actuator and algorithms Tamron has built into this lens, the viewfinder always gives you smooth, steady images. The reliable viewfinder image ensures that you, the photographer, will not be distracted from your most important task – using your camera for maximum creative effect.

Three-coil system ensures a stable viewfinder image in a very compact lens

Tamron’s Vibration Compensation mechanism uses a three-coil system. These driving coils move the VC lens electromagnetically, based on signals originating from the movement of three steel balls. The lens element that compensates for vibration is held in place only by the steel balls, so there is little friction and the movement is quite smooth. With the element movable in a plane parallel to the image via electronic control alone, a simple mechanical design is realized. This ensures that the size of the lens itself is quite compact.

Comparative Images of VC ON and OFF

“Camera vibration” — the bane of hand-held photography

Camera vibration, or camera shake, is the term used to describe the reason a photo comes out blurry when the photographer moves just as he or she presses the shutter button. The resulting image usually looks fuzzy or out of focus. Camera vibration is the primary cause of poor image quality in hand-held photography.

Benefits of using vibration compensation technology

Vibration compensation technology delivers sharply focused photographs even in situations where camera vibration often occurs, such as in low light or when using the telephoto range of a zoom lens. It also enables you to use subject movement to good effect, bringing out the contrast between motion and stillness. You can also shoot without a flash, evoking the real atmosphere of a scene. VC technology made it possible to create exceptional images at slower shutter speeds under conditions where tripod was necessary.

An ultra-high zoom lens featuring Tamron’s Vibration Compensation mechanism

This lens covers an extremely broad range of focal lengths, from a wide 28mm to a super telephoto 300mm (the 35mm equivalent of 43mm to 465mm when used on an APS-C digital SLR). Tamron’s Vibration Compensation mechanism works throughout the entire zoom range, giving you the freedom to create a wide variety of different images.

Special features of Tamron’s Vibration Compensation mechanism

Thanks to the proprietary actuator and algorithms Tamron has built into this lens, the viewfinder always gives you smooth, steady images. The reliable viewfinder image ensures that you, the photographer, will not be distracted from your most important task – using your camera for maximum creative effect.

Three-coil system ensures a stable viewfinder image in a very compact lens

Tamron’s Vibration Compensation mechanism uses a three-coil system. These driving coils move the VC lens electromagnetically, based on signals originating from the movement of three steel balls. The lens element that compensates for vibration is held in place only by the steel balls, so there is little friction and the movement is quite smooth. With the element movable in a plane parallel to the image via electronic control alone, a simple mechanical design is realized. This ensures that the size of the lens itself is quite compact.
Categories of Tamron's Di lens series

Lens Series

**Di II**

Designed exclusively for digital cameras with APS-C size imagers

Di-II lenses are designed to fit the characteristics of digital cameras as well as film cameras by paying attention to countermeasures against ghosting and flare through such advances as special coatings.

- **SP AF17-35mm F/2.8-4 Di** (Model A17)
- **SP AF28-300mm F/3.5-6.3 XR Di** (Model A13)
- **SP AF70-300mm F/4-5.6 Di Macro 1:2** (Model A20)
- **SP AF200-500mm F/5-6.3 Di** (Model A06)

NOTE: The angles of view obtained by a “Di” lens mounted on a digital camera with smaller-size imagers differ from those obtained by the same lens mounted on a full-size format SLR.

Lens Series

**Di**

Digitally integrated design

Di lenses are designed to fit the characteristics of digital cameras as well as film cameras by paying attention to countermeasures against ghosting and flare through such advances as special coatings.

- **SP AF17-35mm F/2.8-4 Di** (Model A05)
- **SP AF28-300mm F/3.5-6.3 XR Di** (Model A08)
- **SP AF70-300mm F/4-5.6 Di Macro 1:2** (Model A17)
- **SP AF200-500mm F/5-6.3 Di** (Model A08)
- **SP AF90mm F/2.8 Di Macro 1:1** (Model B27)

AD glass

LD glass

XR (Extra Refractive-Induced) glass

GM (Glass Molded Aspherical) Lens

Hybrid Aspherical Lens

**Caution**: Please read the instruction manual carefully before using the lens.