State-of-the-art optical and image stabilizing technologies combine to create a new masterpiece lens in the 90mm Macro.

Images of astounding sharpness, augmented by natural blur effects. Tamron’s classic 90mm Macro lens is reborn to let you shoot even more beautiful, exquisite images. Compatible with full-size SLR cameras, this new, high-resolution macro lens lets the photographer capture the moment’s atmosphere at will.

High resolution with beautiful blur effects

Two XD (Extra Low Dispersion) glass elements* made from specialised, high-grade glass and an LD (Low Dispersion) element are combined to thoroughly correct aberration. Moreover, the latest optical design andachromatic glass* provides a spectacular blur effect. The macro lens maintains sharp focus on the subject together with soft natural blurring of nontopicale background to achieve a richer, deeper feel in the image. The new XD elements dramatically improve the clarity of the image while sharply reducing aberration. Both the LD and achromatic glasses intensify contrast and blur and achieve optimal image quality.

VVC (Vibration Compensation)**

This macro lens is equipped with the VC mechanism that delivers sharp and stable viewfinder images. Even in low-light situations, camera shake is reduced to enable stress-free hand-held photography.

IF (In Focus) Design

The diaphragm is a single blade, greater in size as the focal length is increased. This design significantly improves the image quality in macro photography.

New eBAND (Extended Bandwidth & Angular Dependency) Coating

This coating technique developed by Tamron drastically reduces the external reflection* to reduce distortion and interference. Light enters the lens in an angle that is longer than the normal angle of incidence, and the coating drastically reduces interference from the glass film. This nano-structured layer can achieve a flat reflective index, with dimensions smaller than the wavelength of visible rays of light. This nano-structured layer coupled with the sophisticated multiple layer coating underneath, yields significant anti-reflection properties, efficiently reducing undesired flares and ghosting to an absolute minimum to deliver sharp, crisp images.

1:1 Maximum magnification ratio

The maximum magnification ratio of the new 90mm Macros is 1:1, which lets you reproduce the life-size image of the subject on the shape sensor. This lens is suited to close-up photography of small insects, enabling the photographer to capture the minute world that otherwise would be missed when viewed just by the naked eye.

IF (Internal Focusing) System

The lens incorporates the IF system, which focuses by moving only the internal lens group. The overall length of the lens therefore does not change when focusing, thus ensuring a constant working distance. As a result, comfortable macro shooting is enabled.

 Moisture-resistant construction

Moisture-resistant construction helps prevent moisture from penetrating the lens.

USD(Ultrasonic Silent Drive)

The quiet high torque USD motor ensures a speed and accurate autofocus response.

Full-time manual focus

Focus-free adjustments using manual focus can be made during autofocus shooting, without the need to change focus modes.
Experience the full power of Macro. Refined for higher detail and sharper photos.

High resolution with beautiful blur effects
Two XLD Extra Low Dispersion glass elements and two LD (Low Dispersion) elements, combined to achieve an unexcelled optical performance. Moreover, the latest optical design and Mounting Pin system7 gives a spectacular blur effect. The macro lens maintains sharp focus on the subject together with soft natural blurring of foregrounds and backgrounds to achieve anier, deeper feel in the image.

New eBAND (Extended Bandwidth & Angular-Dependence) Coating
This new coating technique developed by Tamron deploys a nano-structured layered coating (ez = 1.00033 to 0.96) with a low refractive index, with dimensions smaller than the wavelengths of visible rays of light. This nano-structured layer coupled with the sophisticated multiple layer coating underneath, yields significant antireflection properties, efficiently reducing undesired flares and ghosting to an absolute minimum to deliver sharp, crisp images.

High Speed F/2.8 Di MACRO 1:1 VC USD
SP 90mm F/2.8 Di MACRO 1:1 VC USD for Canon
SP 90mm F/2.8 Di MACRO 1:1 USD for Sony

New 90mm Macro lens delivers superior image quality incorporating state-of-the-art optical technology and image stabilization.

Model F004
Di (Digitally Integrated) lens designed for digital APS-C and full-size SLR cameras, with lens hood.

State-of-the-art optical technology and image stabilizing technologies combine to create a new masterwork lens in the 90mm Macro.

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1:1 Maximum magnification ratio
The maximum magnification ratio of the new 90mm Macro is 1:1, which lets you magnify the size of the subject on the image sensor. This lens is suited to close-up photography of small objects, enabling the photographer to capture the minute world that otherwise would be missed when viewed just by the naked eye.

IF (Internal Focusing) System
The lens incorporates the IF system, which focuses by moving only the internal lens group. The overall length of the lens therefore does not change when focusing, thus ensuring a balanced working distance. As a result, comfortable manual focusing is enabled.

Multi-lens construction
Multi-layered construction helps prevent moisture from penetrating into the lens.

USD(Ultrasonic Silent Drive)
The quiet high torque USD motor ensures a precise and accurate autofocus response.

Full-time manual focus
Focus-lock adjustments using manual focus can be made during autofocus shooting, without the need to change focus modes.

For more information about the F004, please visit the Tamron Special Website: www.tamron.co.jp/en/lineup/f004/

New 90mm Macro lens delivers superior image quality incorporating state-of-the-art optical technology and image stabilization.