

**PRODUCT ANNOUNCEMENT FOR IMMEDIATE RELEASE**

March 2007

**Tamron Unveils 28-300mm SLR Lens  
with Vibration Compensation Mechanism****Model A20: 28-300mm F/3.5-6.3 XR Di VC LD Aspherical (IF) Macro Lens  
Equipped with Tamron's proprietary Vibration Compensation Mechanism**

8 March 2007: Mr. Morio Ono, President of Tamron Co., Ltd., has announced the successful development of the **AF28-300mm F/3.5-6.3 XR Di VC LD Aspherical (IF) MACRO zoom lens**. The new lens is expected in Australia later in 2007, in early Spring.

The planned new **10.7x high power zoom lens** is designed for SLR cameras with full-size sensors and is equipped with an all-new proprietary **Tamron Vibration Compensation (VC) mechanism**. The **AF28-300mm F/3.5-6.3 XR Di VC** is the ultimate high power zoom lens that covers everything from wide-angle to telephoto and macro.

**Tamron** has incorporated a **proprietary Vibration Compensator**, an anti-shake mechanism developed by **Tamron**, into the highly versatile zoom lens. The new **AF28-300mm F/3.5-6.3 XR Di VC LD Aspherical (IF) MACRO zoom lens** offers the convenience, comfort and versatility of a high power zoom lens and the capability to reduce hand-shake blur on SLR cameras using either APS-C size or full size format imagers.

When the **AF28-300mm F/3.5-6.3 XR Di VC** is used with a full format SLR camera, it covers the tremendous focal length range from **28mm in wide angle to 300mm ultra telephoto**. When mounted on a DSLR with an **APS-C sized sensor**, the lens covers from **43mm wide angle to 465mm equivalent ultra-telephoto\* (full size format equivalent, in a diagonal angle of view of 5°20')**.

\* The ratio Tamron uses to convert from full size format to APS-C focal length is 1.55X.

## **MAIN FEATURES:**

### **VC (Vibration Compensation) Mechanism Reduces Effects of Hand-held Image Shake**

The proprietary VC (Vibration Compensation) mechanism developed by Tamron features a triaxial configuration, using three pairs of driving coils and slide balls around the compensator group of the lens' optical system. Since the compensator lenses are supported with rolling friction of the ball mechanisms, performance is enhanced. Construction is simpler, which results in an ultra-compact lens for its focal range. The lens incorporates a highly accurate gyro sensor for detecting hand-held image shake. This combines with a 32-bit RISC processor to offer the photographer a highly effective anti-vibration effect.

### **Outstanding Design Realizing High Zoom Power, VC Mechanism and Compactness**

The AF28-300mm F/3.5-6.5 XR Di VC integrates optical technologies Tamron has accumulated as the pioneer and leader in high power zoom lenses together with compactness, even with the addition of the Vibration Compensation mechanism.

The optical system uses a number of lens elements made from special optical glass materials including XR (high refraction index) glass elements, GM (glass-molded aspherical lens) elements, hybrid aspherical elements, LD (low dispersion) glass elements to compensate for on-axis and lateral chromatic aberrations and an AD (anomalous dispersion) glass element. The lens offers high contrast, high resolution performance and flatness of the image field as a one-does-it-all zoom lens, designed to optimally match the characteristics of DSLR cameras.

### **Revolutionary Minimum Focusing Distance of 0.49m (19.3") throughout the Zoom Range Provides 1:3 Macro Magnification Ratio**

The AF28-300mm F/3.5-6.3 XR Di VC LD MACRO lens boasts a MFD (minimum focusing distance) of 0.49m (19.3") over the entire zoom range. This ranks it as a top-class close-focusing lens capability among high power zoom lenses for full-size format SLR cameras, a remarkable maximum macro magnification ratio of 1:3 at the 300mm telephoto end is achieved.

### **Internal Surface Coatings Minimize Ghosting and Flare**

Internal Surface Coatings (i.e., multiple-layer coatings on cemented surfaces of multi-element lens groups) and multiple-layer coatings prevent reflections off lens surfaces, reducing ghosting and flare that occur when light enters through the front element. These coatings also reduce reflections caused by digital imaging sensors in the mirror box of digital SLRs.

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### **Ultra-high 10.7x Zoom Power, yet Lightweight and Compact Design**

Tamron has reviewed the roles that respective barrel parts play in order to achieve the high power, compactness and light weight. As a result, dimensional increases are confined to a mere 17.8mm (0.7") in overall length and about 5mm (0.2") in diameter, when compared with the existing AF28-300mm (Model A061). This is despite the incorporation of the VC mechanism.

### **Zoom Lock Mechanism for Enhanced Portability & Lens Security**

A zoom lock is provided that prevents unwanted barrel extension when carrying the lens/camera combination over the shoulder. This avoids the zoom lens mechanism gradually extending downwards while the lens is being carried pointing downwards.

### **Flower-shaped Lens Hood**

A flower petal-shaped lens hood is included as a standard accessory. The special hood provides optimum shading of superfluous light rays that enter from the rectangular frame outside the image field.

#### **SPECIFICATIONS**

Model Name	A20
Focal Length	28-300mm
Maximum Aperture	F/3.5-6.3
Angle of View	75°23'-8°15'
Lens Construction	18 elements /13 groups
Minimum Focusing Distance	0.49m (entire zoom range)
Maximum Magnification Ratio	1:3 (at f=300mm, MFD=0.49m)
Filter Diameter	φ67mm
Overall Length	99mm *
Maximum Diameter	φ78.0mm
Weight	550g*
Diaphragm Blades	9 blades
Minimum Aperture	F/22-F/40 (28mm - 300mm)
Standard Accessory	Flower-shaped hood
Available Lens Mounts	Canon and Nikon

\* Values given are for Nikon AF-D cameras.

\* Cosmetic design and specifications are subject to change without notice.

For further information, images, interviews, or loan product for review please contact:  
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