

TAMRON

Focal length: 85mm  
Exposure: F/3.2  
1/100sec

# SP85<sub>mm</sub> F/1.8 VC

## The Power of Great Portraits is in Your Hands

Make a closer connection with your subject.  
Introducing the Tamron SP 85mm F/1.8 lens  
with Vibration Compensation.

### SP 85mm F/1.8 Di VC USD (Model F016)

For Canon, Nikon and Sony\* mounts

Di: For APS-C format and full-frame DSLR cameras

\* Sony mount model without VC



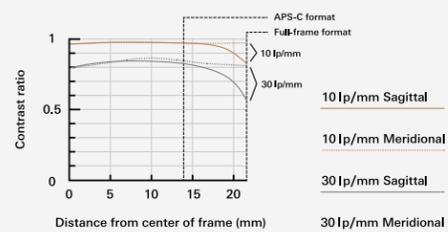
## The Perfect Lens for Portraiture

Just as a painter instinctively reaches for the right brush, a portrait artist reaches for an 85mm lens. The focal length is ideal for producing a pleasing image with true-to-life facial features in accurate proportion. While a wide-angle lens makes close objects appear larger than they are, and longer telephotos compress and flatten features, the 85mm medium telephoto is just right. Plus the working distance between you and your subject is perfect for making the personal connection that's often missing when using a zoom.

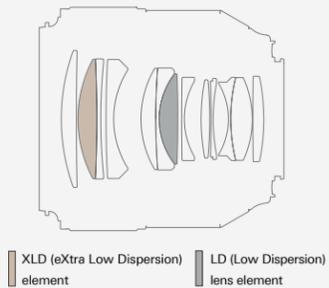
The Tamron SP 85mm F/1.8 is the world's first\* 85mm fast-aperture lens with image stabilization. Its unique design allows us to include our VC (Vibration Compensation) system—without the lens becoming too large or heavy. What's more, our SP 85mm F/1.8 delivers edge-to-edge viewfinder brightness for ease of composition and superior low-light performance. The fast aperture of the F/1.8 also offers the perfect balance of subject sharpness and *bokeh*, that dreamy blur which separates your portrait subject from the background.

\* Among 85mm F/1.8 interchangeable lenses for full-frame DSLR cameras as of January 2016. Data source: Tamron

MTF  
Focal length: 85mm Exposure: F/1.8



Optical Construction



SP 85mm F/1.8 Di VC USD  
(Model F016)



## Sharper Images. Better *Bokeh*.

To meet and surpass the needs of modern cameras with high resolution and high pixel densities, the SP 85mm F/1.8 employs LD and XLD low dispersion glass elements to correct critical aberrations. Superb optical design makes color fringing inconspicuous, achieving sharp and clear image quality and enabling outstanding performance at any illumination level. eBAND and BBAR coatings work in concert with wide-ranging anti-reflection techniques to increase light transmission, reduce flare and ghosting, and to prevent reflections inside the lens barrel.

The SP 85mm F/1.8 is designed to provide tack-sharpness of the subject for stunning clarity and flawless image quality. At the same time, Tamron's design philosophy embraces the notion that photographers—particularly portrait photographers—use background blur, *bokeh*, as a creative element to concentrate emphasis on the subject. Through numerous simulations conducted for wide-ranging blur effects, such as a gentle, melting transition from the focused to the out-of-focus areas, Tamron has created a soft and natural blur effect that achieves perfect harmony with the inescapable sharpness.



Focal length: 85mm Exposure: F/3.2 1/50sec

## Hold Steady with Vibration Compensation

The SP 85mm F/1.8 is the world's first\* lens with a fixed focal length of 85mm and a fast aperture of F/1.8 that's equipped with the VC system. Camera movement—often too minute to be perceptible to the photographer—is the leading cause of unpleasant photographs. In addition, newer DSLR cameras with higher pixel densities are more susceptible to subtle camera shake.

This technology makes it possible to take photographs handheld in dim light and to make optimal use of slower shutter speeds and increased depth-of-field without extreme increase of the camera's sensor sensitivity (ISO equivalent). This is especially important in portraiture because lighting is often low and the photographer needs the spontaneity of not using a tripod or disruptive flash units.

\* Among 85mm F/1.8 interchangeable lenses for full-frame DSLR cameras as of January 2016. Data source: Tamron



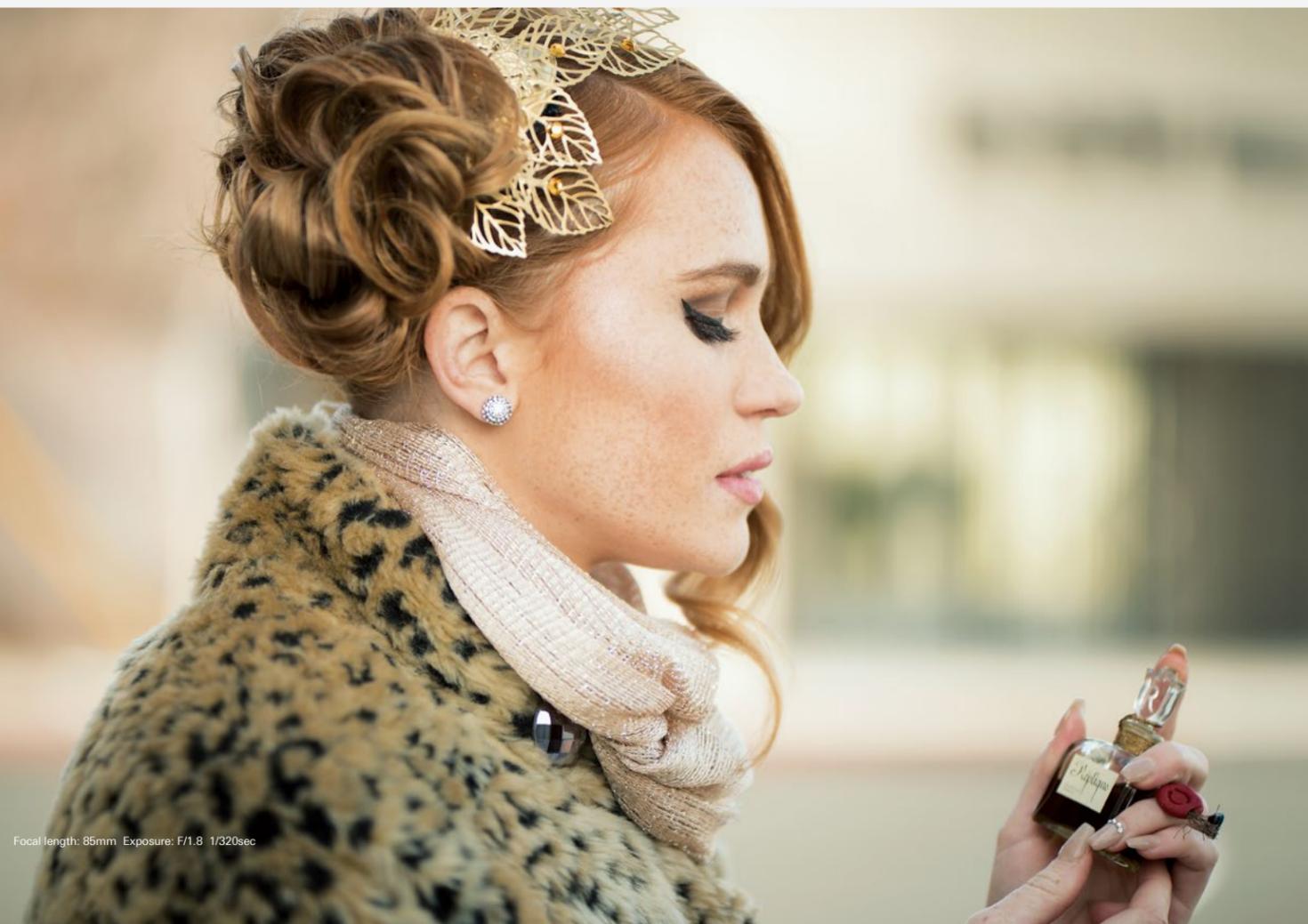
Focal length: 85mm Exposure: F/3.5 1/25sec

## Resists Moisture, Repels Smudges

Moisture-Resistant Construction, including special seals at areas of possible ingress, provides added protection. A highly durable Fluorine Coating, applied to the surface of the top element, prevents condensation and repels smudges, grime and fingerprints.

## Expand Your Options with TAP-in Console

The future is here. Now you can update firmware, customize autofocus positions and adjust the mechanical setup and preferences of the SP 85mm F/1.8 by simply attaching it to the TAMRON TAP-in Console and connecting it via USB to a personal computer.



Focal length: 85mm Exposure: F/1.8 1/320sec

## Smart Design. Inside and Out.

The superior technology inside the Tamron SP 85mm F/1.8 is matched by advanced external ergonomic features under a design philosophy called "Human Touch." Improvements include altering the geometric shape and resistance of the AF/MF and VC switches to deliver comfort with secured operational feedback, and enlarging the distance scale window to maximize visibility and legibility. Even the font style has been newly developed to enhance legibility as part of the overall product design.



## The SP Series Prime Lens Lineup (35mm, 45mm, 90mm Macro and 85mm)

SP series lenses are built to achieve optimal performance—including functionality, handling and physical design. All deliver maximum sharpness, clarity and optical fidelity and are compatible with both full-frame and APS-C type DSLRs. Every SP lens features VC to combat camera shake.



### SP 85mm F/1.8 Di VC USD (Model F016)

Model .....	F016	MOD .....	0.8m (31.5 in)	Aperture Blades .....	9 (circular diaphragm**)
Focal Length .....	85mm	Max. Mag. Ratio .....	1:7.2	Min. Aperture .....	F/16
Max. Aperture .....	F/1.8	Filter Size .....	Φ67mm	Image Stabilization Performance .....	3.5 Stops (CIPA Standards Compliant) For Canon : EOS-5D MarkIII is used / For Nikon : D810 is used
Angle of View (diagonal) .....	28°33' for full-frame format	Max. Diameter .....	Φ84.8mm	Standard Accessories .....	Lens hood, Lens caps
	18°39' for APS-C format	Length* .....	91.3mm (3.6 in) Canon 88.8mm (3.5 in) Nikon	Compatible Mounts .....	Canon, Nikon, Sony***
Optical Construction .....	13 elements in 9groups	Weight .....	700g (24.7 oz) Canon 660g (23.3 oz) Nikon		

Specifications, appearance, functionality, etc. are subject to change without prior notice.

\* Length is the distance from the front tip of the lens to the lens mount face. \*\* The circular diaphragm stays almost perfectly circular up to two stops down from maximum aperture. \*\*\* Sony mount model without VC.

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

F16-EG-111-I-1602-0000

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### Management on Quality and Environment

Tamron is certified with international standards: ISO 9001 for quality and ISO 14001 for environmental management at its headquarters, domestic sales offices, China plant as well as its three production facilities in Aomori, Japan, and is fully committed to striving for continued and sustainable improvement at all levels and facets of its business operations.