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NEW

## CJ15e×4.3B

4.3-65mm 1:1.8

**4K** UHDxs

# CANON 4K UHDxs CJ15e×4.3B WIDE-ANGLE ZOOM LENS

The portable CJ15e×4.3B 4K UHDxs wide-angle lens sets a new benchmark in 4K UHD broadcast production with best-in-class\* 15X magnification and an amazing 4.3mm widest-angle that can achieve jaw-dropping panoramic 4K imagery, while taking production creativity to a whole new level. The first portable broadcast lens to feature Air Sphere Coating (ASC), a unique Canon technology helps reduce ghosting and enables more authentic HDR shooting, the CJ15e×4.3B provides excellent gradation and enhanced realism and dimension, including texture, for image quality that's remarkably close to the real thing. Zoom fluctuation is minimized through the use of a multi-group movable zoom and aspheric lenses that maintain consistent and dependable optical performance and superb color reproduction from the center of the image to the edges. A 2x extender ensures superb 4K optical performance even at a telephoto 130mm focal length.

### 4K OPTICAL PERFORMANCE

The portable CJ15e×4.3B 4K UHD lens was developed using our exclusive optical design technology to achieve superb optical performance, with 4K resolving power and high contrast from the center of the screen to the edges. As part of our UHDxs family, this lens represents Canon's highest class of broadcast lens offerings. High index optical glass materials, each having unique dispersion characteristics, help minimize chromatic aberrations and geometric distortion. Lens element surface accuracy has been improved significantly over HDTV lenses contributing to the enhanced Modulation Transfer Function (MTF) performance required of 4K imagery. Multi-layer optical coatings combined with strategic deposition processes help ensure a deep black reproduction that is central to HDR imaging.

### MINIMIZED CHROMATIC ABERRATION

An optimized arrangement of fluorite and UD glass help minimize chromatic aberration, increasing image clarity with reduced color fringing on edges.

### BUILT-IN 2X EXTENDER

4K optical performance is maintained when the 2x extender is deployed.

### AIR SPHERE COATING

The CJ15e×4.3B is the first Canon portable 4K lens to utilize Air Sphere Coating (ASC), which reduces ghosting intensity. The ASC coatings and an internal lens barrel designed to prevent reflection result in clean black reproduction, less ghosting and flaring, sustaining high-tonality images that support HDR.

### EXTREME WIDE ANGLE 4.3MM WITH CLASS LEADING TELEPHOTO

The portable CJ15e×4.3B 4K UHD wide-angle lens offers the world's shortest focal length of 4.3mm\* which makes it possible to create images with extreme 96.3 degree wide angles of view. As such, this lens supports subsequent 1920 x 1080 cropping from the 3840 x 2160 camera output providing full HDTV quality. Alternatively, the camera output can be down sampled to provide an even higher HDTV image sharpness. Additionally, this lens offers the longest telephoto performance in its class, with a 15x zoom ratio enabling shots up to 65mm (130mm with extender).

\* Among compatible 2/3-inch wide-angle 4K broadcast lenses available as of September 5th, 2019.

# CANON 4K UHDxs CJ15eX4.3B WIDE-ANGLE ZOOM LENS

PRODUCT NAME: CJ15eX4.3B 4.3-65mm 1:1.8

## SPECIFICATIONS

BUILT-IN EXTENDER	1.0x	2.0x
FOCAL LENGTH	4.3 ~ 65mm	8.6 ~ 130mm
ZOOM RATIO	15x	
MAXIMUM RELATIVE APERTURE	1:1.8 at 4.3 ~ 40mm 1:2.9 at 65mm	1:3.6 at 8.6 ~ 80mm 1:5.8 at 130mm
ANGULAR FIELD OF VIEW	96.3° x 64.2° at 4.3mm 8.4° x 4.8° at 65mm	58.3° x 34.9° at 8.6mm 4.2° x 2.4° at 130mm
M.O.D.	0.30m	
OBJECT DIMENSIONS AT M.O.D.	76.1 x 42.8 cm at 4.3mm 4.9 x 2.8 cm at 65mm	38.1 x 21.4 cm at 8.6mm 2.5 x 1.4 cm at 130mm
APPROX. SIZE (W x H x L)	6.4 x 4.2 x 9.8 in. (163.0 x 107.6 x 249.6mm)	
APPROX. MASS	4.8 lbs. (2.19kg) IASE S, Main Unit Only	

## RECOMMENDED ACCESSORIES

### OPERABILITY ACCESSORIES

TYPE	PRODUCT NAME
ZOOM CONTROLLER	ZSD-300D ZDJ-P01(BDC-21)*1 ZDJ-D02(BDC-11)*1 ZDJ-S01(BDC-21)*1
FOCUS CONTROLLER	FPD-400 FPM-420D FFC-200*2 FC-40*2 FFM-100*2 FDJ-S01(BDC-21)*1

### OPTICAL ACCESSORIES

TYPE	PRODUCT NAME
UV FILTER	UV/127-H UV/127
CLEAR FILTER	CL/127-H CL/127
POLARIZING FILTER	PL/127

\*1: ACC for large-diameter lenses can also be used. Note that this requires an adapter cable.  
Special caution is required as this may exceed the camera's electrical capacity limits.

\*2: Can be attached, but not recommended for 4K shooting.



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