

 NEW**CJ18ex28B**
28-500mm 1:2.8**4K** UHD_{GC}

CANON 4K UHD_{GC} CJ18ex28B TELEPHOTO ZOOM LENS

The portable CJ18ex28B is an important 4K UHD telephoto zoom lens that is part of our 2/3-inch UHD_{GC} series. Its compact size, low weight and super-telephoto capability support the high mobility shooting often entailed in documentary, nature and many other genres of television field production. For those seeking a new lens for contemporary HDTV production – while also anticipating a future shift to 4K production – this lens enhances current HDTV optical imaging performance while potentially future-proofing for the longer term.

4K OPTICAL PERFORMANCE

The portable CJ18ex28B 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. 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.

REDUCED GHOSTING

Special coatings and an internal lens barrel designed to prevent reflection result in clean black reproduction, less ghosting and flaring, which sustains high-tonality images that support HDR.

BUILT-IN 2X EXTENDER

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

SUPER-TELEPHOTO SHOOTING UP TO 1000MM

The CJ18ex28B 4K UHD lens is equipped with an 18x optical zoom, delivering a focal length range of 28-500mm and an impressive maximum focal length of 1000mm with the built-in 2x extender. The lens also features the same compact, lightweight body as conventional “portable” HD lenses. This combination allows for dynamic shooting styles and provides the mobility required for shooting a wide variety of documentary and nature programs.

CANON 4K UHD_{Gc} CJ18eX28B TELEPHOTO ZOOM LENS

PRODUCT NAME: CJ18eX28B 28-500mm 1:2.8

SPECIFICATIONS

BUILT-IN EXTENDER	1.0x	2.0x
FOCAL LENGTH	28 ~ 500mm	56 ~ 1000mm
ZOOM RATIO	18x	
MAXIMUM RELATIVE APERTURE	1:2.8 at 28 ~ 286mm 1:4.9 at 500mm	1:5.6 at 56 ~ 572mm 1:9.8 at 1000mm
ANGULAR FIELD OF VIEW	19.5° x 11.0° at 28mm 1.10° x 0.62° at 500mm	9.8° x 5.5° at 56mm 0.55° x 0.31° at 1000mm
M.O.D.	86.6 in. / 2.2m	
OBJECT DIMENSIONS AT M.O.D.	71.0 x 39.9 cm at 28mm 4.1 x 2.3 cm at 500mm	35.5 x 20.0 cm at 56mm 2.1 x 1.2 cm at 1000mm
APPROX. SIZE (W x H x L)	7.0 x 4.8 x 10.6 in. (177.8 x 122.5 x 268.3mm)	
APPROX. MASS	6.08 lbs. (2.76kg) 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)* ³
FOCUS CONTROLLER	FPD-400D FFC-200* ² , FC-40* ² FFM-100* ² FDJ-P01* ¹ (BDC-21)* ¹ FDJ-D02 (BDC-11)* ¹ FDJ-S01 (BDC-21)* ³

OPTICAL ACCESSORIES

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

*1: Accessory for Studio/Field 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.

*3: Scheduled for release in 2019



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Use of genuine Canon accessories is recommended; these products are designed to perform optimally when used with genuine Canon accessories.

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