



CJ17eX6.2B

6.2-106mm 1:1.8

4K UHD_{Gc}

CANON 4K UHD_{Gc} CJ17eX6.2B WIDE ANGLE LENS

The CJ17eX6.2B is part of Canon's 4K UHD_{Gc} family of broadcast lenses. The UHD_{Gc} series provides outstanding optical performance, including sharp resolution from image center to edge and minimized chromatic aberration in virtually any shooting condition.

The CJ17eX6.2B has a wide-angle focal length of 6.2mm and 17x zoom, providing a versatile focal range that offers versatile shooting options for houses of worship, higher education, corporate productions and more. In addition to Canon's renowned operability and durability, this portable lens delivers 4K UHD optical performance in a light and compact body.

4K OPTICAL PERFORMANCE

The portable CJ17eX6.2B 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. New multi-layer optical coatings combined with new deposition processes produce a deeper black reproduction that is important to HDR imaging.

6.2 WIDE ANGLE WITH POWERFUL 17X ZOOM

With a wide-angle focal length of 6.2 mm and powerful 17x zoom, the CJ17eX6.2B can deliver a beautiful panoramic image, as well as tight shots with amazing detail, making it a great fit for a wide variety of applications including house of worship, education, and studio shooting.

BUILT-IN 2X EXTENDER

The built-in 2x extender expands the lens to an impressive 212mm on the telephoto end, while maintaining 4K UHD optical performance throughout the entire range.

COMPACT AND LIGHTWEIGHT

Weighing only 4.7 lbs. and measuring 6.5" (W) x 4.3" (H) x 9.5" (L), the portable CJ17eX6.2B 4K UHD lens is similar in size to our 2/3" HD lenses, while delivering 4K performance and offering the mobility demanded in the reporting and documentary fields. The lens features the optimum construction and high durability of a conventional HD lens, while offering the same shooting style as that of existing 2/3" HD lenses.

BT.2020 AND HDR/WCG SUPPORT

The portable CJ17eX6.2B 4K UHD lens features correction data that supports BT.2020, which offers a wider color gamut than the conventional BT.709 broadcasting standard. This enables excellent color reproduction to the corners of the screen when attached to a 4K camera. Like our UHD_xs series lenses, the CJ17eX6.2B provides optimized chromatic aberration correction based on BT.2020 correction data, enabling more lifelike high-resolution video shooting with outstanding tonality, realistic texture and depth.

HD DEMAND COMPATIBILITY

This feature allows for compatibility with a broadcast-use HD demand. It enables the use of the zoom and focus electrical drive system accessories (such as the ZSC-300D and FPD-400D) which are currently used by HD equipment.



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PRODUCT NAME: CJ17eX6.2B 6.2-106mm 1:1.8

SPECIFICATIONS

BUILT-IN EXTENDER	1.0x	2.0x
FOCAL LENGTH	6.2 ~ 106mm	12.4 ~ 212mm
ZOOM RATIO	17x	
MAXIMUM RELATIVE APERTURE	1:1.8 at 6.2 ~ 65.8mm 1:2.9 at 106mm	1:3.6 at 12.40 ~ 131.6mm 1:5.8 at 212mm
ANGULAR FIELD OF VIEW	75.5° x 47.1° at 6.2mm 5.2° x 2.9° at 106mm	42.3° x 24.6° at 12.4mm 2.6° x 1.5° at 212mm
M.O.D.	0.40m	
OBJECT DIMENSIONS AT M.O.D.	73.3 x 41.2 cm at 6.2mm 4.1 x 2.3 cm at 106mm	36.7 x 20.6 cm at 12.4mm 2.1 x 1.2 cm at 212mm
APPROX. SIZE (W x H x L)	6.5 x 4.3 x 9.5 in. (165.0 x 109.5 x 240.5mm)	
APPROX. MASS	4.56 lbs. (2.07kg) IRSE S	

RECOMMENDED ACCESSORIES

OPERABILITY ACCESSORIES

TYPE	PRODUCT NAME
ZOOM CONTROLLER	ZSD-300D ZSG-200M ZDJ-P01 (BCD-21)*1 ZDJ-D02 (BCD-11)*1 ZDJ-G01 (BCD-21)*1 ZDJ-GN1 (BCD-21)*1 ZDJ-S01 (BCD-21)*1
FOCUS CONTROLLER	FPD-400D FPM-420D FFC-200*2 FC-40*2 FFM-100*2 FDJ-G01 (BCD-21)*1 FDJ-S01 (BCD-21)*1

OPTICAL ACCESSORIES

TYPE	PRODUCT NAME
POLARIZING FILTER	PL/105

*1: ACC studio 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.

Certain images and effects are simulated. Specifications and availability subject to change without notice. Products not shown to scale. Weight and dimensions are approximate. Not responsible for typographical errors.

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

Canon U.S.A., Inc.
One Canon Park
Melville, NY 11747 U.S.A.



pro.usa.canon.com/support
800-423-LENS

For more info:
usa.canon.com/broadcast

@CanonUSApro
@CanonUSAprovideo
@CanonUSA
@CanonUSA