



4K UHDxs
CJ12eX4.3B
4.3-104mm 1:1.8

CANON 4K UHDxs CJ12eX4.3B WIDE-ANGLE LENS

This 4K portable wide-angle lens combines the ability to provide superb optical performance that supports 4K UHD broadcast production with an amazing 4.3mm wide angle capability that is ideally suited to creating panoramic 4K imagery.

WORLD'S FIRST 2/3-INCH 4K WIDE-ANGLE PORTABLE LENS*

This lens boasts the world's shortest focal length of 4.3mm* and the world's shortest minimum object distance (MOD) of 30cm*. This makes it possible to create images having very wide angles of view with the shortest focal length for a 2/3-inch 4K lens: as such, this supports subsequent 1920 x 1080 cropping from the 3840 x 2160 camera output providing full HDTV quality. Alternatively, the camera output can be downsampled to provide an even higher HDTV image sharpness.

APPLICABILITY AND EASE OF OPERATION IDEALLY SUITED FOR 4K SHOOTING

Since the lens achieves the zoom ratio, focal length, servo speed and stability required of wide-angle lenses, it meets the needs of a wide range of shooting conditions and provides the applicability and ease of operation ideally suited to 4K shooting. Shoulder mount lens-camera operation is facilitated by the remarkably low 4.63 lbs. (2.1kg) weight of the lens.

4K OPTICAL PERFORMANCE

This lens achieves optical performance that supports 4K cameras all the way from screen center to the edges.

ACHIEVES 4K OPTICAL PERFORMANCE EVEN WITH THE BUILT-IN 2X EXTENDER

Thanks to the precision of its high-grade components and assembly, the lens achieves high 4K lens camera performance even when the built-in 2x extender has been engaged.

COMPATIBILITY WITH HD LENS SYSTEMS

The lens enables the use of the same Canon standard controllers for zoom and focus as well as servo modules currently used by HD portable lenses. It comes with a 20-pin connector that enables high accuracy digital positional information of zoom, focus, and iris to interface with external virtual systems.

* Among compatible 2/3-inch 4K broadcast lenses available as of August 25th, 2015.

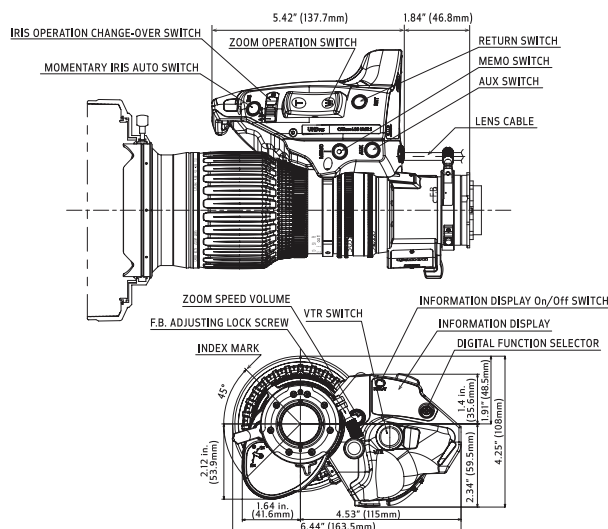
4K UHDxs CJ12eX4.3B WIDE-ANGLE LENS

PRODUCT NAME: CJ12eX4.3B

SPECIFICATIONS

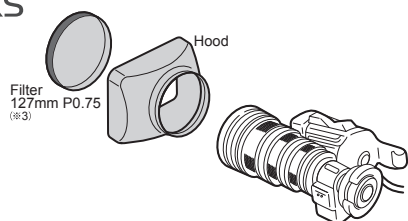
BUILT-IN EXTENDER	1.0x	2.0x
FOCAL LENGTH	4.3-52mm	8.6-104mm
ZOOM RATIO	12x	
MAXIMUM RELATIVE APERTURE	1:1.8 at 4.3-40mm 1:2.4 at 52mm	1:3.6 at 8.6-80mm 1:4.8 at 104mm
ANGULAR FIELD OF VIEW	96.3° x 64.2° at 4.3mm 10.5° x 5.9° at 52mm	58.3° x 34.9° at 8.6mm 5.3° x 3.0° at 104mm
M.O.D.	0.3m	
OBJECT DIMENSIONS AT M.O.D.	76.4 x 43.0cm at 4.3mm 6.0 x 3.4cm at 52mm	38.2 x 21.5cm at 8.6mm 3.0 x 1.7cm at 104mm
APPROX. SIZE (W x H x L)	6.4 x 4.3 x 9.8 in (163.5 x 108 x 247.8mm)	
APPROX. MASS	4.63 lbs (2.1kg)	

DIMENSIONS



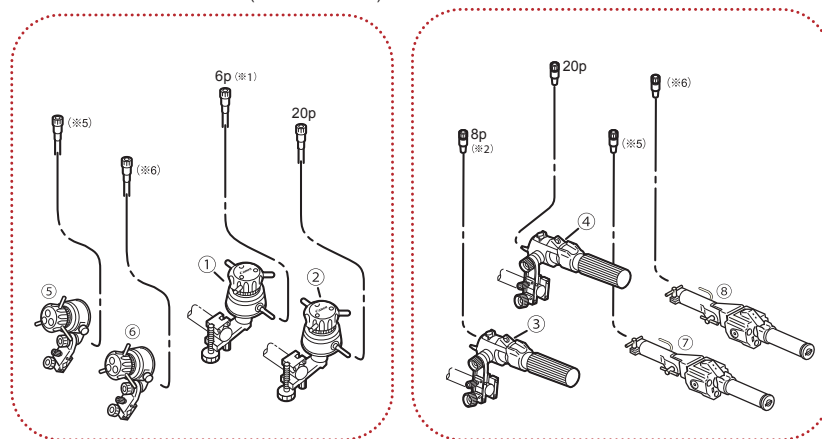
RECOMMENDED LENS SYSTEM / ACCESSORIES

UHDxs



Focus Servo Controllers (For IASE Lenses)

Zoom Servo Controllers



#	Unit	Description
①	FPD-400※4	Focus Positional Demand
②	FPD-400D	Focus Positional Demand
③	ZSD-300M	Zoom Servo Demand
④	ZSD-300D	Zoom Servo Demand
⑤	FDJ-D02	Digital Focus Demand
⑥	FDJ-P01	Digital Focus Demand
⑦	ZDJ-D02	Digital Zoom Demand
⑧	ZDJ-P01	Digital Zoom Demand

- (※1) CC-2006 conversion cable is necessary to connect between IASE Digital Drive Lens and FPD-400.
- (※2) CC-2008 conversion cable is necessary to connect between New Digital Drive Lens and ZSD-300M.
- (※3) For the optical accessories, the 127mm diameter P0.75 filters are applicable.
The filters are to be attached to the threaded hood unit.
(UV/Clear/Cross/Snow Cross/Sunny Cross/Polarized Light/Softon/ ND8)
- (※4) FPD-400 is not available from Canon stock.
- (※5) BDC-11 conversion cable is necessary to connect between New Digital Drive Lens and ZDJ-D02/FDJ-D02
- (※6) BDC-21 conversion cable is necessary to connect between New Digital Drive Lens and ZDJ-P01/FDJ-P01

Specifications subject to change without notice.

© 2015 Canon U.S.A., Inc. All rights reserved. Certain images and effects are simulated. Specifications and availability are subject to change without notice. Products not shown to scale. Weight and dimensions are approximate. Not responsible for typographical errors. Canon is a registered trademark of Canon Inc. in the United States and may also be a registered trademark or trademark in other countries.

For more info:

pro.usa.canon.com

[@CanonUSApro](https://twitter.com/CanonUSApro)

