

4K Premium

UHD DIGISUPER 86

UJ86 × 9.3B 9.3-800mm 1:1.7



CANON 4K UHD UJ86×9.3B BROADCAST LENS

Our new, premium 4K flagship broadcast lens. As our most refined lens designed to support 4K UHD broadcast systems, it boasts extremely high optical performance that surpasses various 4K criteria and, at the same time, embodies the ease of operation ideally suited for use in outside broadcast (OB) television production.

OPTICAL PERFORMANCE THAT EXCEEDS 4K RESOLUTION

This lens has outstanding optical performance that goes beyond 4K resolution, all the way from screen center to the edges. Image sharpness is maintained over the focal range of the lens and with changes in subject distance from the lens.

APPLICABILITY AND EASE OF OPERATION IDEALLY SUITED FOR 4K SHOOTING

While producing full 4K imagery, the lens offers the same highly extended focal range established over the years of HDTV evolution, and preserves the same ease of operation as the latest generation of Canon's HDTV long-zoom field lenses.

HIGH ZOOM RATIO AND LONG FOCAL LENGTH

While providing performance that surpasses 4K, the lens has the high zoom ratio (86x) and long focal length (800mm, 1600mm with 2x extender) desired by many in outside broadcast television production.

SPECIFICATIONS

BUILT-IN EXTENDER	1.0x	2.0x
FOCAL LENGTH	9.3-800mm	18.6-1600mm
ZOOM RATIO	86x	
MAXIMUM RELATIVE APERTURE	1:1.7 at 9.3-340mm 1:4.0 at 800mm	1:3.4 at 18.6-680mm 1:8.0 at 1600mm
ANGULAR FIELD OF VIEW	54.6° x 32.4° at 9.3mm 0.69° x 0.39° at 800mm	28.9° x 16.5° at 18.6mm 0.34° x 0.19° at 1600mm
M.O.D.	3.0m	
OBJECT DIMENSIONS AT M.O.D.	271.9 x 152.9cm at 9.3mm 3.3 x 1.9cm at 800mm	136.0 x 76.5cm at 18.6mm 1.7 x 1.0cm at 1600mm
APPROX. SIZE (W x H x L)	9.9 x 10 x 25in (250.6 x 255.5 x 637.4mm)	
APPROX. MASS	59.5 lbs (27.0kg)	

OPTICAL PERFORMANCE BEYOND 4K EVEN WITH THE BUILT-IN 2X EXTENDER AND IMAGE STABILIZER

Thanks to the precision of its high-grade components and assembly, the lens achieves optical performance that goes beyond 4K even when the built-in 2x extender has been engaged. Also featured is Canon's latest generation optical shift-type image stabilizing mechanism, helping to achieve the degree of image-stabilizing performance commensurate with 4K.

COMPATIBLE WITH HD LENS SYSTEMS

The lens employs the same Canon standard controllers for zoom and focus as well as servo modules currently used by HDTV equipment. It comes with a 20-pin connector that enables high-accuracy digital positional information of the zoom, focus and iris to be interfaced to virtual systems.

DIMENSIONS

