UHD DIGISUPER UHD DIGISUPER 90

UJ90×9B 9-810mm 1:2.4



This lens, designed for use in 4K broadcast systems, combines both an 810 mm long focal length and the superior optical performance and applicability that support 4K broadcast systems, thereby enabling a smooth transition to 4K.

High zoom ratio (90x) and long focal length (810 mm)

As a lens that supports 2/3" 4K cameras, this model boasts the world's highest zoom ratio* and world's longest focal length*. (* As a 2/3" 4K lens available as of September 7, 2015)

Applicability and ease of operation ideally suited to 4K shooting

Since the lens achieves the zoom ratio, long focal length and size as well as the servo speed and stability required for the telecasting of live sports events and other applications, it ensures the applicability and ease of operation ideally suited to 4K shooting.



SPECIFICATIONS

UJ90×9B		
Built-in extender	1.0×	2.0×
Focal Length	9-810mm	18-1620mm
Zoom Ratio	90x	
Maximum Relative Aperture	1:2.4 at 9-486mm 1:4.0 at 810mm	1:4.8 at 18-972mm 1:8.0 at 1620mm
Angular Field of View	56.1°×33.4°at 9mm 0.68°×0.38°at 810mm	29.9°×17.1°at 18mm 0.34°×0.19°at 1620mm
M.O.D	3.0m	
Object Dimensions at M.O.D.	287.9×161.9cm at 9mm 3.3×1.9cm at 810mm	144.0×81.0cm at 18mm 1.7×1.0cm at 1620mm
Approx. Size (W×H×L)	250.6×255.5×610mm	
Approx. Mass	23.2kg	

4K optical performance

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

Achieves 4K optical performance even when using the built-in 2x extender and image stabilizer

Thanks to the precision of its high-grade components and assembly, the lens achieves high 4K camera-compatible even when the built-in 2x extender has been engaged. Also featured is an optical shift-type image stabilizing mechanism of Canon's highest grade, helping to ensure the image-stabilizing performance commensurate with 4K.

Compatibility with HD lens systems

The lens enables the use of the same high precision Canon controllers for zoom and focus as well as servo modules currently used by HD equipment.

It comes with a 20-pin connector compatible with virtual units and that enables high-accuracy position information of the zoom, focus and iris to be read out.

DIMENSIONS

