

UHD DIGISUPER

UJ122×8.2B Canon

UHD DIGISUPER

UJ111×8.3B



Premium

**IMAGE
STABILIZER**

UJ122x8.2B & UJ111x8.3B

Long Focal Length and High Magnification

Canon's flagship field zoom broadcast lens, the UHD-DIGISUPER 122 realises a class leading focal length — 8.2 mm at the wide end and 1000 mm at the telephoto end—as well as a zoom ratio of 122x while achieving high resolving power exceeding 4K. What's more, the UHD-DIGISUPER 111, with a 111x zoom ratio and a focal length range of 8.3 mm to 925 mm, also achieves an even higher zoom ratio than existing lenses the UHD-DIGISUPER 86 and UHD-DIGISUPER 90.

4K Premium Performance for 2/3" 4K Cameras

The highest class of lenses designed to support 4K broadcast systems, offering superb optical performance that surpasses 4K along with high-level specifications and operability optimised for broadcast systems. The UHD-DIGISUPER 122 and UHD-DIGISUPER 111 achieve exceptional optical performance exceeding 4K, delivering high-resolution, high-contrast video capture from the center to the peripheral areas of the imaging field. What's more, as the first broadcast lenses to employ Canon's proprietary ASC (Air Sphere Coating) the lenses achieve reduced flaring and ghosting ideal for HDR and Wide Color Gamut video shooting.

Superb Gradation Expression Ideal for HDR

Canon 4K lenses deliver the advanced optical performance that Canon considers essential for a 4K+HDR system lens, enabling shooting of more realistic images. While conventional HD have correction data that supports BT.709 the UHD series features correction data that supports BT.2020.

Dependable IS Vibration Reduction Even in 4K

When shooting in demanding 4K, even the slightest vibration can affect image quality. Canon's optical and servo technologies are employed to ensure 4K performance even when using IS. It achieves high vibration reduction rates (excellent performance at the telephoto end) in higher frequency bands, and stable operation even when panning.



**Vibration
reduction
OFF**



**Vibration
reduction
ON**

Built-in shifting optical
vibration-reducing IS

no one sees it like you

Canon

Technical Specifications

UJ122x8.2B



Zoom	Wide-angle end	Telephoto end
122 _x	8.2 _{mm}	1,000 _{mm}

UJ111x8.3B



Zoom	Wide-angle end	Telephoto end
111 _x	8.3 _{mm}	925 _{mm}

	UJ122 × 8.2B IESD		UJ111 × 8.3B IESD	
Extender	1.0 ×	2.0 ×	1.0 ×	2.0 ×
Focal Length	8.2 – 1000 mm	16.4 – 2000 mm	8.3-925mm	16.6-1850mm
Zoom Ratio	122 ×		111 ×	
Maximum Relative Aperture (F number)	1:1.7 (8.2 - 340 mm) 1:5.0 (1000 mm)	1:3.4 (16.4 - 680mm) 1:10.0 (2000 mm)	1:1.7(8.3-340 mm) 1:4.65 (925 mm)	1:3.4 (16.6-680 mm) 1:9.3 (1850 mm)
Angular Field of View	60.7° × 36.5° (8.2mm) 0.55° × 0.31° (1000mm)	32.6° × 18.7° (16.4mm) 0.28° × 0.15° (2000mm)	60.1° × 36.0° (8.3mm) 0.59° × 0.33° (925mm)	32.3° × 18.5° (16.6mm) 0.30° × 0.17° (1850mm)
M.O.D.	3.0 m [※]		3.0 m [※]	
Shooting Range at M.O.D.	314.8 × 177.1 cm [※] (8.2 mm) 2.7 × 1.5 cm (1000 mm)	157.4 × 88.6 cm [※] (16.4 mm) 1.4 × 0.8 cm (2000 mm)	311.6 × 175.3cm [※] (8.3 mm) 2.9 × 1.6cm (925 mm)	155.8 × 87.7cm [※] (16.6 mm) 1.5 × 0.8cm (1850 mm)
Approx. Size (w × h × l)	250.6 × 255.5 × 637.4 mm		250.6 × 255.5 × 637.4 mm	
Approx. Weight	26.6 kg		26.6 kg	

no one sees it like you

