4K UHD 2/3"

Appearance	UHD-DIGISUPER 122 **UHD**xs		UHD-DIGISUPER 111 **UHD**xs		UHD-DIGISUPER 86 **UHD**xs		UHD-DIGISUPER 27 **UHD**xs	
	4K Premium / IMAGE STABILIZER		4K Premium / IMAGE STABILIZER		4K Premium / IMAGE STABILIZER		4K Premium	
Model Name	UJ122×8.2B		UJ111×8.3B		UJ86×9.3B		UJ27×6.5B	
Zoom Ratio	122x		111x		86x		27x	
Focal Length	8.2 ~ 1000mm	16.4 ~ 2000mm (2.0x)	8.3 ~ 925mm	16.6 ~ 1850 mm (2.0x)	9.3 ~ 800mm	18.6 ~ 1600mm (2.0x)	6.5 ~ 180mm	13 ~ 360mm (2.0x)
Maximum Relative Aperature	F1.7 (8.2 ~ 340mm) F5.0 (1000mm)	F3.4 (16.4 ~ 680mm) F10.0 (2000mm)	F1.7 (8.3 ~ 340mm) F4.65 (925mm)	F3.4 (16.6 ~ 680mm) F9.3 (1850mm)	F1.7 (9.3 ~ 340mm) F4.0 (800mm)	F3.4 (18.6 ~ 680mm) F8.0 (1600mm)	F1.5 (6.5 ~ 123mm) F2.2 (180mm)	F3.0 (13 ~246mm) F4.4 (360mm)
Angular Field of View	60.7°×36.5° (8.2mm) 0.55°×0.31° (100mm)	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)	54.6°×32.4° (9.3mm) 0.69°×0.39° (800mm)	28.9°×16.5° (18.6mm) 0.34°×0.19° (1600mm)	72.9°× 45.1° (6.5mm) 3.1°× 1.7° (180mm)	40.5°× 23.5° (13mm) 1.5°× 0.9° (360mm)
M.O.D.*	3.0m		3.0m		3.0m		0.6m	
Object Dimensions at M.O.D.*	314.8×177.1cm (8.2mm) 2.7×1.5cm (1000mm)	157.4×88.6cm (16.4mm) 1.4×0.8cm (2000mm)	311.6×175.3cm (8.3mm) 2.9×1.6cm (925mm)	155.8×87.7cm (16.6mm) 1.5×0.8cm (1850mm)	271.9×152.9cm (9.3mm) 3.3×1.9cm (800mm)	136.0×76.5cm (18.6mm) 1.7×1.0cm (1600mm)	106.1×59.7cm (6.5mm) 3.8×2.1cm (180mm)	53.1×29.9cm (13mm) 1.9×1.1cm (360mm)
Approx. Size (WxHxL)	9.9x10.1x25.1 in. (250.6×255.5×637.4mm)		9.9x10.1x25.1 in. (250.6×255.5×637.4mm)		9.9x10x25 in. (250.6×255.5×637.4mm)		9.9x10.1x21.7 in. (250.6×255.5×550mm)	
Approx. Weight	58.6 lbs (26.6kg) ※		58.6 lbs (26.6kg) ※		59.5 lbs (27.0kg) ※		47.4 lbs (21.5kg) ※	

4K UHD 2/3"

Appearance	UHD-DIGISUPER 90 **UHD**xs		UHD-DIGISUPER 66 **UHD**xs	
	4K / IMAGE STABILIZER		4K / IMAGE STABILIZER	
Model Name	UJ90×9B		UJ66×9B	
Zoom Ratio	90×		66x	
Focal Length	9 ~ 810mm	18 ~ 1620mm (2.0x)	9 ~ 600mm	18 ~ 1200mm (2.0x)
Maximum Relative Aperature	F2.4 (9 ~ 486mm) F4.0 (810mm)	F4.8 (18 ~ 972mm) F8.0 (1620mm)	F1.7 (9 ~ 340mm) F3.0 (600mm)	F3.4 (18 ~ 680mm) F6.0 (1200mm)
Angular Field of View	56.1°×33.4° (9mm) 0.68°×0.38° (810mm)	29.9°×17.1° (18mm) 0.34°×0.19° (1620mm)	56.1°× 33.4° (9mm) 0.92°× 0.52° (600mm)	29.9°× 17.1° (18mm) 0.46°× 0.26° (1200mm)
M.O.D.*	3.0m		3.0m	
Object Dimensions at M.O.D.*	287.9×161.9cm (9mm) 3.3×1.9cm (810mm)	144.0×81.0cm (18mm) 1.7×1.0cm (1620mm)	287.9×161.9 cm (9mm) 4.4×2.5 cm (600mm)	144.0×81.0 cm (18mm) 2.2×1.3 cm (1200mm)
Approx. Size (WxHxL)	9.9x10x24 in. (250.6×255.5×610mm)		9.9x10.1x24.0 in. (250.6×255.5×610mm)	
Approx. Weight	51.2 lbs (23.2kg) ※		51.1 lbs (23.2kg) ※	

※ Weight of lens body only (does not include servo module).
* M.O.D. = Minimum Object Distance.

UHD-DIGISUPER 122: Highlights

High Zoom Ratio and Long Focal Length
While displaying performance that surpasses 4K, the lens has the high zoom ratio (122x) and long focal length (1000 mm) desired by many in television production.

Elimination of Image "Lag" Following Operational Pan/Tilt Movements
The image stabilization system must be capable of distinguishing between unwanted physical perturbations to the lens-camera system and operational control of panning and tilting of the same. In the UHD-DIGISUPER 122 lens new correction strategies have been implementd. As a result, the vibration component of the sensor detection signal and the panning operation component can be sparated rapidly and wiht high accuracy.

Ideally Suited to 4K Shooting
Lens is ideally suited for 4K UHD shooting required when telecasting live sports events and other applications.

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 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.

Air Sphere Coating (ASC) Technology
This is a Canon-developed technology that is an additional layer deposited on top of the normal multilayer coatings that are used to minimize those many internal reflections that conspire to lower light transmission efficiency and to contaminate deep black reproduction.

Bokeh Effect Controller
When shooting in macro, the focus position of the UHD-DIGISUPER 122 can be changed as the focal length is adjusted, when using the optional MCJ-S02 Macro Controller. This built-in feature can be utilized to support special techniques in which the focus position can be shifted within the same shot just by using the Macro Controller, allowing for subtle creative defocus effects. This can help provide a degree of creativity when shooting live events such as a concert.