





# Broadcast ENG/EFP Lenses

## 4K UHD 2/3"

	CJ45ex13.6B <b>UHDxs</b>		CJ45ex9.7B <b>UHDxs</b>		CJ25ex7.6B <b>UHDxs</b>	
Appearance						
Model Name	CJ45ex13.6B IASE-V H		CJ45ex9.7B IASE-V H		CJ25ex7.6B IRSE S/IASE S	
Zoom Ratio	45x		45x		25x	
Focal Length	13.6 ~ 612mm	27.2 ~ 1224mm (2.0x)	9.7 ~ 437mm	19.4 ~ 874mm (2.0x)	7.6 ~ 190mm	15.2 ~ 380mm (2.0x)
Maximum Relative Aperture	F1:2.8 (13.6 ~ 312mm) F1:5.5 (612mm)	F1:5.6 (27.2 ~ 624mm) F1:11.0 (1224mm)	F1:2.0 (9.7 ~ 224mm) F1:3.9 (437mm)	F1:4.0 (19.4 ~ 448mm) F1:7.8 (874mm)	F1.8 (7.6 ~ 1108mm) F2.9 (190mm)	F3.6 (15.2 ~ 236mm) F5.8 (380mm)
Angular Field of View	38.9°×22.5° (13.6mm) 0.90°×0.51° (612mm)	20.0°×11.3° (27.2mm) 0.45°×0.25° (1224mm)	52.7°×31.1° (9.7mm) 1.26°×0.71° (437mm)	27.8°×15.8° (19.4mm) 0.63°×0.35° (874mm)	64.6°×39.1° (7.6mm) 2.89°×1.63° (190mm)	35.1°×20.1° (15.2mm) 1.458°×0.81° (380mm)
M.O.D.* from Lens Front	2.8m		2.8m		0.8m	
Object Dimensions at M.O.D.*	182.9×102.9cm (13.6mm) 4.2×2.4cm (612mm)	91.5×51.5cm (27.2mm) 2.1×1.2cm (1224mm)	254.3×143.0cm (9.7mm) 5.8×3.3cm (437mm)	127.2×71.5cm (19.4mm) 2.9×1.7cm (874mm)	93.9×52.8cm (7.6mm) 3.9×2.2cm (190mm)	48.1×27.1cm (15.2mm) 2.0×1.1cm (380mm)
Filter Thread Size (Hood/Lens Barrel)	- / 127mm P0.75		- / 127mm P0.75		105mm P1 / 94mm P1	
Approx. Size (WxHxL)	6.8×5.8×14.0 in. (173.2×147.5×355.0mm)		6.8×5.8×13.3 in. (173.2×147.5×337.0mm)		6.8×4.5×8.8 in. (169.6×114.4×223.6mm)	
Approx. Weight	12.4 lb (5.64kg)		12.3 lbs (5.60kg)		4.4 lb (1.99kg)	

## 4K UHD 2/3"

	CJ20ex7.8B <b>UHDxs</b>		CJ15ex4.3B <b>UHDxs</b>		CJ12ex4.3B <b>UHDxs</b>	
Appearance						
Model Name	CJ20ex7.8B IASE S		CJ15ex4.3B IASE S		CJ12ex4.3B IRSE S/IASE S	
Zoom Ratio	20x		15x		12x	
Focal Length	7.8 ~ 156mm	15.6 ~ 312mm (2.0x)	4.3 ~ 65mm	8.6 ~ 130mm (2.0x)	4.3 ~ 52mm	8.6 ~ 104mm (2.0x)
Maximum Relative Aperture	F1.8 (7.8 ~ 108mm) F2.6 (156mm)	F3.6 (15.6 ~ 216mm) F5.2 (312mm)	F1.8 (4.3 ~ 40mm) F2.9 (65mm)	F3.6 (8.6 ~ 80mm) F5.8 (130mm)	F1.8 (4.3 ~ 40mm) F2.4 (52mm)	F3.6 (8.6 ~ 80mm) F4.8 (104mm)
Angular Field of View	63.2°×38.2° (7.8mm) 3.5°×2.0° (156mm)	34.2°×19.6° (15.6mm) 1.8°×1.0° (312mm)	96.3°×64.2° (4.3mm) 8.4°×4.8° (65mm)	58.3°×34.9° (8.6mm) 4.2°×2.4° (130mm)	96.3°×64.2° (4.3mm) 10.5°×5.9° (52mm)	58.3°×34.9° (8.6mm) 5.3°×3.0° (104mm)
M.O.D.* from Lens Front	0.8m		0.30m		0.3m	
Object Dimensions at M.O.D.*	91.7×51.6cm (7.8mm) 4.8×2.7cm (156mm)	45.9×25.8cm (15.6mm) 2.4×1.4cm (312mm)	76.1×42.8cm (4.3mm) 4.9×2.8cm (65mm)	38.1×21.4cm (8.6mm) 2.5×1.4cm (130mm)	76.4×43.0cm (4.3mm) 6.0×3.4cm (52mm)	38.2×21.5cm (8.6mm) 3.0×1.7cm (104mm)
Filter Thread Size (Hood/Lens Barrel)	105mm P1 / 94mm P1		127mm P0.75 / -		127mm P0.75 / -	
Approx. Size (WxHxL)	6.7×4.5×9.1 in. (169.9×114.4×230.0mm)		6.4×4.2×9.8 in. (163.0×107.6×249.6mm)		6.4×4.3×9.8 in. (163.5×108.0×247.8mm)	
Approx. Weight	4.81 lb (2.18kg)		4.8 lb (2.19kg)		4.63 lbs (2.1kg) (IRSE S)	

## 4K UHD 2/3"

	CJ24ex7.5B <b>UHDGC</b>		CJ18ex7.6B <b>UHDGC</b>		CJ14ex4.3B <b>UHDGC</b>	
Appearance						
Model Name	CJ24ex7.5B IRSE S/IASE S		CJ18ex7.6B IRSE S/IASE S		CJ14ex4.3B IRSE S/IASE S	
Zoom Ratio	24x		18x		14x	
Focal Length	7.5 ~ 180mm	15.0 ~ 360mm (2.0x)	7.6 ~ 137 mm	15.2 ~ 274 mm (2.0x)	4.3 ~ 60mm	8.6 ~ 120 mm (2.0x)
Maximum Relative Aperture	F1:1.8 (7.5 ~ 120mm) F1:2.7 (180mm)	F1:3.6 (15 ~ 240mm) F1:5.4 (360mm)	F1:1.8 (7.6 ~ 103mm) F1:2.4 (137mm)	F1:3.6 (15.2 ~ 206mm) F1:4.8 (274mm)	F1:1.8 (4.3 ~ 40 mm) F1:2.7 (60mm)	F1:3.6 (8.6 ~ 80mm) F1:5.4 (120mm)
Angular Field of View	65.2°×39.6° (7.5mm) 3.1°×1.7° (180mm)	35.5°×20.4° (15mm) 1.5°×0.9° (360mm)	64.6°×39.1° (7.6mm) 4.0°×2.3° (137mm)	35.1°×20.1° (15.2mm) 2.0°×1.1° (274mm)	96.3°×64.2° (4.3mm) 9.1°×5.2° (60mm)	58.3°×34.9° (8.6mm) 4.6°×2.6° (120mm)
M.O.D.* from Lens Front	0.80m		0.56m		0.30m	
Object Dimensions at M.O.D.*	96.0×54.0 cm (7.5mm) 4.1×2.3 cm (180mm)	48.0×27.0 cm (15mm) 2.1×1.2 cm (360mm)	65.5×36.8 cm (7.6mm) 3.8×2.1 cm (137mm)	32.8×18.4 cm (15.2mm) 1.9×1.1 cm (274mm)	76.4×43.0 cm (4.3mm) 5.2×2.9 cm (60mm)	38.2×21.5 cm (8.6mm) 2.6×1.5 cm (120mm)
Filter Thread Size (Hood/Lens Barrel)	105mm P1 / 94mm P1		- / 82mm P0.75		127mm P0.75 / -	
Approx. Size (WxHxL)	6.5×4.3×8.7 in. (164.6×109.1×221.4mm)		6.3×4.1×8.1 in. (160.5×105.0×206.2mm)		6.4×4.3×9.8 in. (163.5×108.0×247.8mm)	
Approx. Weight	4.0 lb (1.82kg, (IRSE S))		3.3 lb (1.65kg, (IRSE S))		4.7 lb (2.11kg, (IRSE S))	






\* M.O.D. = Minimum Object Distance.

## Broadcast ENG/EFP Lenses

### 4K UHD 2/3"

	CJ18e×28B  <b>UHD GC</b>	CJ15e×8.5B  <b>UHD GC</b>
Appearance		
Model Name	CJ18e×28B IASE S	
Zoom Ratio	18x	
Focal Length	28 ~ 500mm	56 ~ 1000mm (2.0x)
Maximum Relative Aperture	F2.8 (28 ~ 286mm) F4.9 (500mm)	F5.6 (56 ~ 572mm) F9.8 (1000mm)
Angular Field of View	19.5°×11.0° (28mm) 1.10°×0.62° (500mm)	9.8°×5.5° (56mm) 0.55°×0.31° (1000mm)
M.O.D.* from Lens Front	2.2m	
Object Dimensions at M.O.D.*	71.0×39.9cm (28mm) 4.1×2.3cm (500mm)	35.5×20.0cm (56mm) 2.1×1.2cm (1000mm)
Filter Thread Size (Hood/Lens Barrel)	127mm P0.75 / —	
Approx. Size (WxHxL)	7.0×4.8×10.6 in. (177.8×122.5×268.3mm)	
Approx. Weight	6.08 lb (2.76kg (IASE S))	

### HD 2/3"

	HJ40e×14B  <b>HJ XS</b>	HJ40e×10B  <b>HJ XS</b>	HJ21e×7.5B  <b>HJ XS</b>
Appearance			
Model Name	HJ40e×14B IASE-V H		HJ21e×7.5B IASE S
Zoom Ratio	40x		21x
Focal Length	14 ~ 560mm	28 ~ 1120mm (2.0x)	7.5 ~ 158mm
Maximum Relative Aperture	F2.8 (14 ~ 307mm) F5.1 (560mm)	F5.6 (28 ~ 614mm) F10.2 (1120mm)	F1.9 (7.5 ~ 116mm) F2.6 (158mm)
Angular Field of View	37.8°×21.8° (14mm) 1.0°×0.6° (560mm)	19.4°×11.0° (28mm) 0.5°×0.3° (1120mm)	65.2°×39.6° (7.5mm) 3.5°×2.0° (158mm)
M.O.D.* from Lens Front	2.8m		0.85m
Object Dimensions at M.O.D.*	177.1×99.5cm (14mm) 4.5×2.5cm (560mm)	88.6×49.8cm (28mm) 2.3×1.3cm (1120mm)	120.4×67.7cm (7.5mm) 5.6×3.2cm (158mm)
Filter Thread Size (Hood/Lens Barrel)	— / 127mm P0.75		127mm P0.75 / —
Approx. Size (WxHxL)	6.6×5.2×14 in. (167.5×133.0×355.5mm)		6.9×4.8×10.2 in. (175.2×122×260.1mm)
Approx. Weight	12.2 lbs (5.55 kg)		5.94 lbs (2.69kg)

### HD 2/3"

	HJ17e×6.2B  <b>HJ XS</b>
Appearance	
Model Name	HJ17e×6.2B IRSE S/IASE S
Zoom Ratio	17x
Focal Length	6.2 ~ 106mm
Maximum Relative Aperture	F1.8 (6.2 ~ 65.8mm) F2.9 (106mm)
Angular Field of View	75.5°×47.1° (6.2mm) 5.2°×2.9° (106mm)
M.O.D.* from Lens Front	0.4m
Object Dimensions at M.O.D.*	73.3×41.2cm (6.2mm) 4.1×2.3cm (106mm)
Filter Thread Size (Hood/Lens Barrel)	105mm P1 / —
Approx. Size (WxHxL)	6.5×4.4×9.5 in. (165.0×111.8×240.5mm)
Approx. Weight	4.34 lbs (1.97kg (IRSE S))

### DISCONTINUED LENSES

Please note as of April 3, 2019 the following ENG/EFP HD 2/3" lenses have been discontinued: HJ18e×28B, HJ24e×7.5B, HJ14e×4.3 and HJ15e×8.5B.

*Please consult with a Canon Account Manager regarding availability on the HJ18e×7.6B.*

\* M.O.D. = Minimum Object Distance.