

# Broadcast ENG/EFP Lenses

## HD 2/3"

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Appearance	 <b>KJ22ex7.6B</b> <b>HDGC</b>	 <b>KJ17ex7.7B</b> <b>HDGC</b>	 <b>KJ10ex4.5B</b> <b>HDGC</b>	 <b>KT17ex4.3B</b> <b>HDGC</b>				
Model Name	KJ22ex7.6B IRSE S/IASE S		KJ17ex7.7B IRSE S/IASE S		KJ10ex4.5B IRSE S/IASE S		KT17ex4.3B IRSE S	
Zoom Ratio	22x		17x		10x		17x	
Focal Length	7.6-168mm   15.2-336mm (2.0x)		7.7-131mm   15.4-262mm (2.0x)		4.5-45mm   9-90mm (2.0x)		4.3-73mm   8.6-146mm (2.0x)	
Maximum Relative Aperture	1:1.8 at 7.6-116.3mm 1:2.6 at 168mm		1:1.8 at 7.7-102.5mm 1:2.3 at 131mm		1:1.8 at 4.5-34.5mm 1:2.35 at 45mm		1:3.6 at 9-68.9mm 1:4.7 at 90mm	
Angular Field of View	64.6°x39.1° at 7.6mm 3.3°x1.8° at 168mm		63.9°x38.6° at 7.7mm 4.2°x2.36° at 131mm		34.6°x19.9° at 15.4mm 2.1°x1.18° at 262mm		93.7°x61.9° at 4.5mm 12.2°x6.9° at 45mm	
M.O.D.* from Lens Front	0.8m		0.6m		0.3m		0.6m	
Object Dimensions at M.O.D.*	95.0x53.4cm at 7.6mm 4.4x2.5cm at 168mm		68.5x38.5cm at 7.7mm 4.2x2.4cm at 131mm		34.3x19.3cm at 15.4mm 2.1x1.2cm at 262mm		74.1x41.7cm at 4.5mm 6.4x3.6cm at 45mm	
Filter Thread Size (Hood/Lens Barrel)	105mm P1 / 94mm P1		— / 82mm P0.75		127mm P0.75 / —		— / 82mm P0.75	
Approx. Size (WxHxL)	6.5x4.4x8.6 in. (164.7x111.8x218.6mm)		6.3x4.2x7.8 in. (159.3x106.6x197.8mm)		6.6x4.4x9.4 in. (168.2x111.8x237.7mm)		6.3x4.2x7.8 in. (159.3x106.6x197.3mm)	
Approx. Weight (IRSE/IASE)	4.0 lbs (1.82kg)/4.19 lbs (1.90kg)		3.26 lbs (1.48kg)/3.44 lbs (1.56kg)		4.04 lbs (1.83kg)/4.22 lbs (1.91kg)		3.26 lbs (1.48kg)	

# Pro-Video Lenses

## HD 2/3"

Appearance	 <b>KJ20x8.2B</b> <b>HDGC</b>	 <b>KJ20x8.2B</b> <b>HDGC</b>	 <b>KJ13x6B</b> <b>HDGC</b>
Model Name	KJ20x8.2B IRSD		KJ13x6B KRSD
Zoom Ratio	20x		13x
Focal Length	8.2-164mm   16.4-328mm (2.0x)		6-78mm
Maximum Relative Aperture	1:1.9 at 8.2-115.4mm 1:2.7 at 164mm		1:2.0 at 6-58mm 1:2.7 at 78mm
Angular Field of View	60.7°x36.5° at 8.2mm 3.4°x1.9° at 164mm		77.3°x48.5° at 6mm 7.0°x4.0° at 78mm
M.O.D.* from Lens Front	0.9m		0.4m
Object Dimensions at M.O.D.*	98.2x55.2cm at 8.2mm 5.0x2.8cm at 164mm		74.3x41.8cm at 6mm 5.4x3.0cm at 78mm
Filter Thread Size (Hood/Lens Barrel)	— / 82mm P0.75		105mm P1 / —
Approx. Size (WxHxL)	6.4x4.1x8.2 in. (163.3x104.1x208.0mm)		6.5x4.1x8.3 in. (165.4x104.1x211.7mm)
Approx. Weight	3.13 lbs (1.42kg)		3.51 lbs (1.59kg)

## HD 1/2"

Appearance	 <b>KH20x6.4</b> <b>HDGC</b>
Model Name	KH20x6.4 KRSD SY14
Zoom Ratio	20x
Focal Length	6.4-128mm
Maximum Relative Aperture	1:1.4 at 6.4-89.6mm 1:2.0 at 128mm
Angular Field of View	57.1°x34.1° at 6.4mm 3.1°x1.8° at 128mm
M.O.D.* from Lens Front	0.9m
Object Dimensions at M.O.D.*	89.8x50.5cm at 6.4mm 4.6x2.6cm at 128mm
Filter Thread Size (Hood/Lens Barrel)	— / 82mm P0.75
Approx. Size (WxHxL)	6.4x4x7.2 in. (163.3x101.6x182.5mm)
Approx. Weight	2.8 lbs (1.27kg)

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