

## 6 PRODUCT SPECIFICATIONS

## HGC LENSES

Model Name	KJ17ex7.7B IRSE / IASE			
	In normal (16 : 9) mode		In 4:3 mode	
	1.0x	2.0x	1.0x	2.0x
Focal Length	7.7 ~ 131mm	15.4 ~ 262mm	7.7 ~ 131mm	15.4 ~ 262mm
Zoom Ratio	17x			
Maximum Relative Aperture	1 : 1.8 (f = 7.7 ~ 102.5mm)	1 : 3.6 (f = 5.4 ~ 205.0mm)	1 : 1.8 (f = 7.7 ~ 102.5mm)	1 : 3.6 (f = 15.4 ~ 205.0mm)
	1 : 2.3 (f = 131mm)	1 : 4.6 (f = 262mm)	1 : 2.3 (f = 131mm)	1 : 4.6 (f = 262mm)
Image Format	9.6 × 5.4 ; $\phi$ 11mm		8.8 × 6.6 ; $\phi$ 11mm	
Angular Field of View (Widest angle) (Telephoto angle)	63.9° × 38.6° 4.2° × 2.4°	34.6° × 19.9° 2.1° × 1.2°	59.5° × 46.4° 3.9° × 2.9°	31.9° × 24.2° 1.9° × 1.4°
Minimum Object distance (M.O.D)	0.6m (10mm from the front lens vertex in macro mode)			
Object Dimensions at M.O.D (Widest angle) (Telephoto angle)	68.5cm × 38.5cm 4.2cm × 2.4cm	34.3cm × 19.3cm 2.1cm × 1.2cm	63.1mm × 47.3mm 3.8cm × 2.9cm	31.6cm × 23.7cm 1.9cm × 1.5cm
Object Dimensions in macro mode	66.5mm × 37.1mm	—	60.8mm × 45.4mm	—

Mass	Approx. 1.48kg ("IRSE" type lenses) Approx. 1.56kg ("IASE" type lenses)
Flange Back	F48mm (in air)
Thread for Filters	82mm pitch 0.75 (Front lens barrel size)
Zoom Speed for Full Range	Max. 0.5 ± 0.2 s
Focus Speed for Full Range	1.3 ± 0.3 s
Iris	Control from camera
Mount	B4
Power Source	Nominal DC12V (10 ~ 17V)
Current Consumption	320mA (max.) ("IRSE" type lenses) 500mA (max.) ("IASE" type lenses)
Operating Temperature	Temperature : - 20°C to + 45°C Humidity : 5% to 95% RH (no condensation)