



Technical Information

Zoom Ratio	21x
Built-in Extender	2.0x
Range of Focal Length (with Extender)	7.8~164mm 15.6~328mm (2.0x)
Maximum Relative Aperture (with extender)	1:1.8 at 7.8~121mm
	1:2.45 at 164mm
	1:3.6 at 15.6~242mm(2.0x)
	1:4.9 at 328mm(2.0x)
Angular field of view(with Extender)	4:3 Aspect Ratio (8.8 x 6.6mm)
	58.9° x 45.9° at 7.8mm
	3.1° x 2.3° at 164mm
	31.5° x 23.9° at 15.6mm (2.0x)
	1.5° x 1.2° at 328mm (2.0x)
	16:9 Aspect Ratio (9.59x5.39 mm)
63.2° x 38.1° at 7.8mm	
3.4° x 1.9° at 164mm	
34.2° x 19.6° at 15.6mm (2.0x)	
1.7° x 0.9° at 328mm (2.0x)	
Minimum Object	0.8m(50mm with Macro)
Object Dimensions at M.O.D. (with Extender)	4:3 Aspect Ratio (8.8x6.6mm)
	79.6 x 59.7cm at 7.8mm
	3.9 x 2.9cm at 164mm
	40.8 x 30.6cm at 15.6mm (2.0x)
	2.0 x 1.5cm at 328mm (2.0x)
	16:9 Aspect Ratio (9.59x5.39 mm)
	86.3 x 48.5cm at 7.8mm
	4.2 x 2.4cm at 164mm
44.5 x 25.0cm at 15.6mm (2.0x)	
2.2 x 1.2cm at 328mm (2.0x)	
Macro	Yes
Size (W x H x L)	157.5 x 106 x 214mm
Weight	1.75kg

Product Information

High specification & light weight 1.65kg
X-Element & Power Optical System

Vari-Polar Hood

Canon has developed breakthrough optical design concept using a newly developed optical element in the most effective way. We have named the new design concept the "Power Optical System" which can achieve higher specifications and quality in a smaller size and lighter weight, using the new optical "X -Element" which realize complete elimination of its aberration.

This new technology has been introduced in the new J21ax7.8B for the first time.

By these innovative technologies, the length is 20mm shorter and the weight is 100g lighter than the previous model although the wide angle is 7.8mm, M.O.D. is 0.8m.

Disclaimer: Changes in the data may have been made by the manufacturer without notice.