

Lens mount	M4/3 mount
Focal length	20–70 mm
Zoom ratio	3.5X
Minimum T–stop	T2.9
Aperture range	T2.9–T22
Frame size	17.31 mm*12.98 mm (φ21.6 mm) aspect ratio 1.33:1
Flange back (in air)	19.2mm (adjustable by±0.3mm)
Minimum object distance (from focal plane)	0.79m/2ft7in.
<b>Angle of view</b>	
Horizontal	47.5°–14.3°
Vertical	36.5°–10.8°
Diagonal	57.6°–17.9°
Area photographed at close focus distance	20mm: 568 mm*429 mm 70mm: 162 mm*122 mm
<b>Effective lens diameter</b>	
Front element	53.0 mm
Rear element	25.8 mm
Aperture control	Manual (ring rotates up to 72°)
Zoom control	Manual (ring rotates up to 100°)
Focus control	Manual (ring rotates up to 270°)
External dimensions: diameter*length (approx.)	φ82.0*153.3mm
Weight (approx.,excluding lens cap and bridge rods)	1100g
External diameter at front of lens	80 mm
Filter diameter	77 mm
Gear pitch (aperture, zoom, and focus)	0.8 M
Number of blades	12