

Clifton Cameras Product Specification

Olympus 150-400mm M.ZUIKO Digital ED F4.5 TC1.25x IS PRO Lens Full Spec

Focal Length	150-400mm (with a built-in teleconverter :187.5-500mm)
35mm Equivalent Focal Length	300-800mm (with a built-in teleconverter : 375-1,000mm)
Lens Construction	28 elements in 18 groups (Built-in teleconverter : 7 elements in 4 groups)
	(1 EDA lens, 4 Super ED lenses, 2 ED lenses, 2 HR lenses, 1 HD lens)
Splashproof Type / Dustproof	IEC Standard publication 60529 IPX1 (applies when the lens is used with Olympus splashproof Body) / Dustproof construction
Focusing System	High-speed Imager AF (MSC)
Angle of View	8.2 degrees - 3.1 degrees (with a built-in teleconverter : 6.6 degrees - 2.5 degrees)
Closest Focusing Distance	1.3m (across the entire zoom range when a built-in teleconverter is used or not)
Maximum Image Magnification	Wide:0.12x / Tele:0.29x (with a built-in teleconverter : Wide:0.15x / Tele:0.36x)
35mm Equivalent Max. Image Magnification	Wide:0.25x / Tele:0.57x (with a built-in teleconverter : Wide:0.31x / Tele:0.71x)
Minimum Field Size	Wide:139.5x104.8mm / Tele:60.7x45.6mm (with a built-in teleconverter : Wide:111.6x83.9mm / Tele:48.6x36.5mm)
Number of Blades	9 (circular aperture diaphragm)
Maximum Aperture	F4.5 (with a built-in teleconverter : F5.6)
Minimum Aperture	F22 (with a built-in teleconverter : F29)
Lens IS Mechanism	VCM
IS Performance	5-axis sync IS 8 steps*
	* According to CIPA standards. When attached to OM-D E-M1X, with yaw and pitch applied to camera, half-press IS set to Off, and focal length set to 150mm. (without a built-in teleconverter)
	5-axis sync IS 6 steps*
	* According to CIPA standards. When attached to OM-D E-M1X, with yaw and pitch applied to camera, half-press IS set to Off, and focal length set to 400mm. (with a built-in teleconverter : 500mm)
	Lens IS 4.5 steps* *Focal length : 400mm (with a built-in teleconverter : 500mm)
Filter Size	Diameter 95 mm

Dimensions	ø115.8×314.3mm
Weight	1,875g (without Lens Cap, Lens Rear Cap and Lens Hood)
Box Contents	LH-115 Lens Hood, LC-115 Lens Cap, LR-2 Lens Rear Cap, LSC-1642 Lens Case, CSS-P121 Lens Strap, Instruction Manual, Warranty Card
	Specifications and design are subject to change without notice.
Separately available accessories	Zuiko PRF-ZD95 PRO Protection Filter, LH-115 Lens Hood, LC-115 Lens Cap, LR-2 Lens Rear Cap, LSC-1642 Lens Case, CSS-P121 Lens Strap
with MC-14	
Focal Length	210-560mm (with a built-in teleconverter :262.5-700mm)
35mm Equivalent Focal Length	420-1,120mm (with a built-in teleconverter : 525-1,400mm)
Angle of View	5.9 degrees - 2.2 degrees (with a built-in teleconverter : 4.7 degrees - 1.8 degrees)
Closest Focusing Distance	Approx. 1.3m (across the entire zoom range when a built-in teleconverter is used or not)
Maximum Image Magnification	Wide:0.18x/ Tele:0.40x (with a built-in teleconverter Wide:0.22x/Tele:0.50x)
35mm Equivalent Max. Image Magnification	Wide:0.35x/ Tele:0.81x (with a built-in teleconverter Wide:0.44x/Tele:1.01x)
Minimum Field Size	Wide:98.8×74.3mm / Tele:42.9×32.3mm
	(with a built-in teleconverter Wide:79.1×59.4mm/ Tele:34.3×25.8mm)
Maximum Aperture	F6.3 (with a built-in teleconverter : F8.0)
Minimum Aperture	F22 (with a built-in teleconverter : F29)
with MC-20	
Focal Length	300-800mm (with a built-in teleconverter :375-1,000mm)
35mm Equivalent Focal Length	600-1,600mm (with a built-in teleconverter : 750-2,000mm)
Angle of View	4.1 degrees - 1.5 degrees (with a built-in teleconverter : 3.3 degrees - 1.2 degrees)
Closest Focusing Distance	1.3m (across the entire zoom range when a built-in teleconverter is used or not)
Maximum Image Magnification	Wide:0.25x/ Tele:0.57x (with a built-in teleconverter Wide:0.31x/Tele:0.71x)
35mm Equivalent Max. Image Magnification	Wide:0.50x/ Tele:1.14x (with a built-in teleconverter Wide:0.62x/Tele:1.43x)
Minimum Field Size	Wide:69.9×52.5mm / Tele:30.3×22.8mm
	(with a built-in teleconverter Wide:55.9×42.0mm/ Tele:24.3×18.2mm)
Maximum Aperture	F9.0 (with a built-in teleconverter : F11)
Minimum Aperture	F22 (with a built-in teleconverter : F29)
IS Performance	5-axis sync IS 7 steps*

	<p>* According to CIPA standards. When attached to OM-D E-M1X, with yaw and pitch applied to camera, half-press IS set to Off, and focal length set to 300mm. (without a built-in teleconverter)</p>
IS Performance	5-axis sync IS 5 steps*
	<p>* According to CIPA standards. When attached to OM-D E-M1X, with yaw and pitch applied to camera, half-press IS set to Off, and focal length set to 1000mm. (with a built-in teleconverter)</p>