

M.Zuiko Digital ED 150-400mm F4.5 TC1.25x IS PRO

- Built-in teleconverter
- Full portability
- Powerfull autofocus



The superlative in super-telephoto

A Pro lens like no other in its class - the M.Zuiko Digital ED 150-400mm F4.5 TC1.25x IS PRO (300–800mm*) sets the standard in super-telephoto performance, portability and precision. Featuring a built-in 1.25x teleconverter, this zoom lens goes up to 500mm (1000mm*) shooting - or add the optional MC-20 Teleconverter for an ultimate 1000mm (2000mm*). 5-axis Sync IS offering up to 8 EV steps of compensation with a compatible camera ensures your photos remain sharp. And because photo assignments can take you anywhere, Olympus-renowned weather sealing is a given. Just like the highly precise and fast autofocus.

*35mm equivalent

Specifications

Application

Recommended Uses	Macro
	Nature
	Sports
	Travel
	Wildlife
	Low light
	Birds
	Field Macro

Focal Length

Focal length (equiv. 35mm)	300 - 800mm
	375 - 1000mm (with built-in teleconverter applied)
Focal length	150 - 400mm
	187.5 - 500mm (with built-in teleconverter applied)

Lens Construction

Angle of view	8.2 - 3.1°
	6.6 - 2.5° (with built-in teleconverter applied)
Closest focusing distance	1.3m (across the entire zoom range, even with built-in teleconverter applied)
ED lens elements	2 / 4 (Super ED)
HR elements	2
Aspherical ED element	1
Focusing method	High-speed Imager AF (MSC)
Lens configuration	28 elements / 18 groups
Maximum image magnification (equiv. 35mm)	0.13x (wide) / 0.29x (tele) 0.25 x (wide) / 0.57 x (tele)
Minimum field size	139.5 x 104.8mm (wide) 60.7 x 45.6mm (tele)
Lens mechanism	Inner zoom, inner focus system

Aperture

Maximum aperture	F4.5 / F5.6 (with built-in teleconverter applied)
Minimum aperture	F22 / F29 (with built-in teleconverter applied)
Number of aperture blades	9 Circular aperture diaphragm for natural background blurring

Image Stabiliser

Type	Lens shift
Modes	Two-dimensional, vertical or horizontal activation
Effective Compensation Range	Up to 8 EV steps* (5-axis Sync IS)
	Up to 4.5 EV steps (Lens IS)
	* 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 built-in teleconverter)

Converter Combinations

Built-in Teleconverter	
Minimum field size	111.6 x 83.9mm (wide) (with built-in teleconverter applied)
	48.6 x 36.5 (tele) (with built-in teleconverter applied)
Maximum image magnification	0.22 (wide) / 0.50 x (tele)
	0.44 x / 1.01 x (equiv. 35mm)

MC-14	
Closest focusing distance	1.3m (across the entire zoom range, even with built-in teleconverter applied)
Maximum image magnification	0.22 x (wide) / 0.50 x (tele)
	0.44 x / 1.01 x (equiv. 35mm)
Minimum field size	79.1 x 59.4mm (wide)
	34.3 x 25.8mm (tele)

MC-20	
Effective Compensation Range	Up to 7 EV steps* (5-axis Sync IS)
	* 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 built-in teleconverter)
Closest focusing distance	1.3m (across the entire zoom range, even with built-in teleconverter applied)
Maximum image magnification	0.31 x (wide) / 0.71 x (tele)
	0.62 x / 1.43x (equiv. 35mm)
Minimum field size	55.9 x 42.0mm (wide)
	24.3 x 18.2mm (tele)

Pro Features

Dust, splash & freezeproof	Available
	According to IP53

Dimensions / Weight

Diameter	115.8mm (greatest dimension)
Length	314.3mm
Weight	1.875g (without Lens Cap, Lens Rear Cap and Lens Hood)
Filter diameter	95mm

Compatibility

Compatible to Tele Converter MC-14	Yes
Compatible to Tele Converter MC-20	Yes
Operates with 5-axis Sync IS	Yes
Compatible with 50fps	Yes

Cover & Cap

Lens Cap	LC-115
Lens Hood	LH-115