

## Specifications

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

#### Application

Recommended Uses Macro, Nature, Sports, Travel, Wildlife, Low light

#### Focal Length

Focal length (equiv. 35mm) 300 - 800 mm

375 - 1,000 mm (with built-in teleconverter applied)

Focal length 150 - 400 mm

187.5 - 500 mm (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 1.3 m

(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 0.13x (wide) / 0.29x (tele)

(equiv. 35mm) 0.25 x (wide) / 0.57 x (tele)

Minimum field size 139.5 x 104.8 mm (wide)

60.7 x 45.6 mm (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 83.9 mm (wide) (with built-in teleconverter applied)

48.6 x 36.5 (tele) (with built-in teleconverter applied)

#### Converter Combinations

Maximum image magnification 0.22 (wide) / 0.50 x (tele)

0.44 x / 1.01 x (equiv. 35mm)

##### MC-14

Closest focusing distance 1.3 m (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 59.4 mm (wide)

34.3 x 25.8 mm (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 1.3 m (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 / 1.43 x (equiv. 35mm)

Minimum field size 55.9 x 42.0 mm (wide)

24.3 x 18.2 mm (tele)

#### Pro Features

Dust, splash & freezeproof Available

#### Dimensions / Weight

Diameter 115.8 mm (greatest dimension)

Length 314.3 mm

Weight 1.875 g (without Lens Cap, Lens Rear Cap and Lens Hood)

Filter diameter 95 mm

#### Compatibility

Compatible to Tele Converter MC-14 Yes

Compatible to Tele Converter MC-20 Yes

Operates with 5-axis Sync IS Yes

#### Cover & Cap

Lens Cap LC-115

Lens Hood LH-115