

Imager AF Support in the Olympus E-System

Overview

IMAGER AF is a high-speed, highly accurate Live View autofocus technology that uses contrast-detection to secure focus. Introduced in 2008, Imager AF technology has since been incorporated into the Micro Four Thirds standard and is now available throughout the Olympus E-System.

When IMAGER AF is selected, autofocus is performed by the image sensor. Pressing the shutter button halfway brings the subject into focus on the Live View LCD monitor. The operation is seamless and brings a comfortable familiarity to photographers who are stepping up to the Olympus E-System from compact, point-and-shoot digital cameras.

Compatibility Statement

Camera bodies

Within the Olympus E-System, IMAGER AF is supported by every PEN Digital series camera and the following Four Thirds system-compliant digital SLR (single lens reflex) models:

E-5 E-30* E-620* E-600* E-520* E-420*

* For models marked with an asterisk, if the **IMAGER AF** autofocus mode is selected when an incompatible lens is mounted on the camera body, **HYBRID AF** will be selected automatically.

Lenses

Within the Olympus E-System, IMAGER AF can be used with all Micro Four Thirds system lenses and also Four Thirds system digital lenses that have compatible firmware. At the time of this writing, the compatible models are:

ZUIKO DIGITAL 25 mm F2.8
ZUIKO DIGITAL ED 9-18 mm F4.0-5.6*
ZUIKO DIGITAL ED 14-42 mm F3.5-5.6*
ZUIKO DIGITAL 14-54 mm F2.8-3.5 II
ZUIKO DIGITAL ED 40-150 mm F4.0-5.6*
ZUIKO DIGITAL ED 70-300 mm F4.0-5.6*

Lenses marked with an asterisk require a firmware update in order to support IMAGER AF. To see if a firmware update has been released for a particular lens, please click [here](#).

While using Live View with a Four Thirds system lens that is not compatible with IMAGER AF, it may be desirable to magnify the subject on the LCD monitor to make focus confirmation and adjustment easier. If necessary, adjust the focus by rotating the focus ring. (**AF MODE** must be set to **MF** or **S-AF + MF**).