

OLYMPUS

FE-4050 12MP Digital Cameras



- 4x wide optical zoom (27-108mm*)
- Digital Image Stabilisation
- 12 Megapixels
- iAuto mode
- Advanced Face Detection
- 6.9cm/ 2.7" LCD
- AF-Tracking
- Magic Filters
- 14 scene modes for best results in different situations
- Movie recording with sound
- USB-Battery Charge
- TruePic III image processor
- In-camera help guide

The Olympus FE series continues to raise the bar in easy-to-use compact zoom cameras. Elegant design and technical innovation remain great value for money also with the new FE models. Get everything in the shot with up to 5x ultra-wide optical zoom and let your creativity loose with six Magic Filters, including the new Wedding and Rock filters. Plus, with AF tracking, i-Auto mode and Digital Image Stabilisation, these models make capturing great shots so easy following an easy-to-use 'one button, one function' design principle, but if you still need help their convenient, multi-lingual In-Camera Help Guide will lead you in the right direction. On top the [ib] software allows for easy browsing and organising. Available in a range of striking colours, the models also feature Advanced Face Detection Technology, an SD** slot and, depending on the model, they let the battery charge via USB-cable while saving and organising images on the computer.

*Equivalent to a 35mm camera

**SD is a trademark of SD Card Association

Specifications

Image Sensor

Effective pixels	12 Megapixels
Filter array	Primary colour filter (RGB)
Full resolution	12.2 Megapixels
Type	1/2.3 " CCD sensor

Lens

Optical zoom	4 x (WIDE)
Focal length	4.9 - 19.6 mm
Focal length (equiv. 35mm)	27 - 108 mm
Maximum aperture	3.2 - 5.9
Structure	6 lenses / 5 groups
Aspherical glass elements	3

Digital Zoom

Enlargement factor	4 x / 16 x combined with optical zoom
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LCD

Resolution	230000 dots
Monitor size	6.9 cm / 2.7 "
LCD type	TFT
Frame assistance	Yes
Brightness adjustment	2 levels

Focusing System

Modes	iESP, Face Detection AF, Spot, AF Tracking
Method	TTL iESP auto focus with contrast detection
Standard mode	0.6m - ∞ (wide) / 1.0m - ∞ (tele)
Makro mode	0.2m - ∞ (wide) / 0.4m - ∞ (tele)
Super Macro mode	Closest focusing distance: 8 cm

Light Metering

Modes	ESP light metering
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Exposure System

Shutter speed	1/4 - 1/2000 s / < 4 s (Night scene)
Enhancement function	Digital Image Stabilisation Plus Advanced Face Detection Technology

Exposure compensation +/- 2 EV / 1/3 steps
Modes i-Auto, Programme automatic, DIS mode, Scene Modes, Magic Filter, Panorama, Movie

Scene Modes

Number of scene modes 14

Modes Portrait, Landscape, Night Scene, Night Scene with portrait, Sports, Indoor, Candle, Self-portrait, Sunset, Fireworks, Cuisine, Documents, Beach and Snow, Pet

Magic Filter

Types Pop Art, Pin Hole, Fisheye, Drawing, Soft Focus, Punk

Sensitivity

Auto AUTO
Manual ISO 64, 100, 200, 400, 800, 1600

White Balance

AUTO WB system Yes
Preset values Overcast, Sunlight, Tungsten, Flourescent 1, Flourescent 2, Flourescent 3

Internal Flash

Modes AUTO, Red-eye reduction, Fill-in, Off
Working range (wide) 0.2 - 4.2 m (ISO 800)
Working range (tele) 0.4 - 2.3 m (ISO 800)

Image Processing

Engine TruePic III
Pixel mapping Yes
Noise reduction Yes
Shading compensation Yes
Distortion compensation Yes

Function Processing

Panorama Yes

Image Editing

Resize Yes
Trimming Yes
Red-eye reduction Yes
Shadow Adjustment Yes

View Images

Modes	Single, Index, Zoom, Slide show
Index	4x3 / 6x5 frames
Zoom	1.1 - 10 x
Auto rotation	Yes
Image protect mode	Yes

View Movie

Modes	Frame by frame, Fast forward, Reverse playback
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Still Image Recording

DCF	Yes
EXIF	2.21
PIM	III
DPS	PictBridge
DPOF	Yes

Movie Recording System

Recording format	AVI Motion JPEG®
Movie quality	640 x 480 / 30 fps Recording time: no limit
Image Stabilisation Mode	Digital Image Stabilisation Note: maximum file size 2GB

Sound Recording System

Voice playback	Yes
Sound recording	Yes , format: WAV
Speaker	No

Memory

Internal memory	92 MB
Removable Media	SD / SDHC

Image Size

12M	3968 x 2976
8M	3264 x 2448
5M	2560 x 1920
3M	2048 x 1536
2M	1600 x 1200
1M	1280 x 960
VGA	640 x 480
16:9	1920 x 1080

Menu

Menu languages in camera	39
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Other Features

Perfect Shot Preview	Yes
Menu guide	Yes
Self timer	2 / 12 s

Power Supply

Battery	LI-42B Lithium-Ion Battery
Internal Charging	Yes

Interface

DC input	No
Combined A/V & USB output	Yes
USB 2.0 High Speed	Yes

Size

Dimensions (W x H x D)	91.7 x 56.0 x 19.9 mm
Weight	112 g (including battery and memory card)