

# FE-5020

- Super-wide 5x miniature optical zoom (24-120mm\*) in an ultra-slim body to capture great scenes through to exciting close-ups
- The easy way to perfect images - Intelligent Auto Mode detects the five most commonly used scenes and adjusts settings, focus and exposure automatically
- 12 Megapixels to make poster-size prints
- Sharp photos wherever your subject moves thanks to AF tracking
- High-precision Digital Image Stabilisation for less blur
- Advanced Face Detection of up to 16 persons for perfectly focused and exposed faces plus correct exposure of other image areas
- See and share images on the 6.9cm/2.7" LCD
- Give your images an artistic touch with the Magic Filters



The high-tech and user friendly Olympus FE series is back with four new cameras. These affordable models are sure to be a hit with users who want high image quality regardless of their budget. The latest 12 Megapixel FE cameras boast up to 5x super wide optical zoom for great panorama shots or close-ups of distant subjects. The three top models look especially striking thanks to a new Double Layered Crystal Shell finish. In addition, they all offer a new practical AF tracking feature which ensures that even moving subjects are in focus at all times. Also on board are Advanced Face Detection Technology and the new i-Auto mode, which automatically identifies five commonly-encountered types of scenes and adjusts settings accordingly. The latest FE's even offer innovative Magic Filters for a new level of creativity. All these practical features are rounded out by xD-Picture Card and microSD\* compatibility. Each new camera is available in a range of attractive colours.

## 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	5x
Focal length	4.3 - 21.5mm
Focal length (equiv. 35mm)	24 - 120mm
Structure	7 lenses / 6 groups
Aspherical glass elements	3
Maximum aperture	3.3 - 5.8

### Digital Zoom

Enlargement factor	4x / 20x combined with optical zoom
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### Monitor

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

## Focusing System

Method	TTL iESP auto focus with contrast detection
Spot focusing	Yes
Face Detection AF	Yes
AF tracking	Yes
Standard mode	0.6m - ∞ (wide) / 1.0m - ∞ (tele)
Macro mode	0.15m - ∞ (wide) / 0.6m - ∞ (tele)
Super Macro Mode	Closest focusing distance: 10cm

## Light Metering

Modes	ESP light metering Spot metering
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## Exposure System

Shutter speed	1/4 - 1/500s / < 4s (Night scene)
Enhancement function	Digital Image Stabilisation Shadow Adjustment Technology Advanced Face Detection Technology
Exposure compensation	+/- 2EV / 1/3 steps
Modes	i-Auto Programme automatic DIS mode Scene Modes 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

## Sensitivity

Auto	AUTO Automatically selected
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

Working range (wide)	0.15 - 4.1m (ISO 800)
Working range (tele)	0.6 - 2.3m (ISO 800)
Modes	AUTO Red-eye reduction Fill-in Off

## Image Processing

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

## Function Processing

Panorama	Yes
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## Image Editing

Black & White	No
Sepia	No
Resize	Yes
Trimming	Yes
Red-eye reduction	Yes
Shadow Adjustment	Yes

## Movie Editing

Index	Yes
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## View Images

Index	4, 9, 16, 25 frames
Zoom	1.1 - 10x
Slide show	Yes
Auto rotation	Yes
Image protect mode	Yes

## Still Image Recording

DCF	Yes
EXIF	2.21
PIM	III
DPS	PictBridge
DPOF	Yes

## Movie Recording System

Recording format	AVI Motion JPEG®
	Note: maximum file size 2GB
Movie quality	640 x 480 / 30fps Recording time: Up to card capacity*
	* (40s with 30fps when xD standard type is used)
	640 x 480 / 15fps Recording time: Up to card capacity
	320 x 240 / 30fps Recording time: Up to card capacity

## Sound Recording System

Voice playback	Yes
Sound recording	Yes , format: WAV
Recording format	Wave format
Image footage	4s
Speaker	Yes

## Memory

Internal memory	48MB
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## Image Size

12M	3968 x 2976
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 languages (Japanese, English, French, Spanish, Portuguese (BR + PT), German, Italian, Russian, Czech, Dutch, Danish, Polish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Hungarian, Greek, Slovak, Turkish, Latvian, Estonian, Lithuanian, Ukrainian, Serbian, Korean, Simple Chinese, Traditional Chinese, Thai, Arabic, Bulgarian, Romanian, Persian, Indonesian, Hebrew, Malay, Vietnamese)
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## Other Features

Perfect Shot Preview	Yes
Self timer	12s
Menu guide	Yes

## Interface

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

## Size

Dimensions (W x H x D)	92.7 x 55.8 x 24.7mm
Weight	107g (without battery and card)

\*Equivalent to a 35mm camera