

VG-120

- 5x wide optical zoom (26-130mm*)
- 14 Megapixels
- AF-Tracking
- 720p HD Movie
- 7.6cm/3.0" 230,000 dot colour LCD
- Magic Filters



Olympus' new VG series keeps quality simple, so that users can get the most out of the simple pleasures in life - like capturing movies and still photos at minimum expense.

For easy shooting of brilliant images automatic aids like AF tracking, Intelligent Auto Mode (i-Auto), Shadow Adjustment Technology and Advanced Face Detection are on board.

With Digital Image Stabilisation, up to 5x wide optical zoom and up to 14 Megapixels the new compact all-rounders offer the full array of Olympus high-end optics. Fun features like the seven Magic Filters encourage creativity. A big and bright colour LCD and super-slender design make it a pleasure to share shots on the spot with family and friends.

Specifications

Image Sensor

Effective pixels	14 Megapixels
Filter array	Primary colour filter (RGB)
Full resolution	14.5 Megapixels
Type	1/2.3" CCD sensor

Lens

Optical zoom	5x (WIDE)
Focal length	4.7 - 23.5mm
Focal length (equiv. 35mm)	26 - 130mm
Maximum aperture	2.8 - 6.5
Structure	7 lenses / 5 groups
Aspherical glass elements	5

Digital Zoom

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

Resolution	230000 dots
Monitor size	7.6cm / 3.0"
Monitor type	TFT
Frame assistance	Yes
Brightness adjustment	2 levels

Focusing System

Method	TTL iESP auto focus with contrast detection
Modes	iESP Face Detection AF Spot AF Tracking
Standard mode	0.6m - ∞ (wide) / 1.0m - ∞ (tele)
Macro mode	0.2m - ∞ (wide) / 0.6m - ∞ (tele)
Super Macro Mode	Closest focusing distance: 7cm

Light Metering

Modes	ESP light metering
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Exposure System

Shutter speed	1/2 - 1/2000s / < 4s (Candle Scene)
Enhancement function	Digital Image Stabilisation Advanced Face Detection Technology
Exposure compensation	+/- 2EV / 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

Sensitivity

Auto	AUTO
Manual	ISO 80, 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 - 4.8m (ISO 800)
Working range (tele)	0.6 - 2.1m (ISO 800)

Sequence Shooting

Sequential shooting mode (high speed)	10.0fps / 20 frames (in 3MP mode) 2.3fps / 200 frames (in 3MP mode)
Sequential shooting mode	0.8fps / 200 frames (Full Image Size)

Image Processing

Pixel mapping	Yes
Noise reduction	Yes
Shading compensation	Yes
Distortion compensation	Yes

Image Editing

Resize	Yes
Trimming	Yes

View Images

Modes	Single Index Zoom Slide show
Index	4x3 / 6x5 frames
Zoom	1.1 - 10x
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®
HD Movie quality	720P Recording time: 7min.
Movie quality	640 x 480 / 30fps Recording time: Up to card capacity
	Note: maximum file size 2GB

Sound Recording System

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

Memory

Internal memory	49MB
Removable Media	SD / SDHC

Image Size

14M	4288 x 3216
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	40
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Other Features

Perfect Shot Preview	Yes
Self timer	2 / 12s
Panorama function	Image marker (Software)
Menu guide	Yes
Date imprint	Yes

Power Supply

Battery	LI-70B 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)	96.4 x 56.9 x 19.1mm
Weight	120g (including battery and memory card)

Magic Filter

Types	Pop Art
	Pin Hole
	Fisheye
	Drawing
	Soft Focus
	Punk
	Sparkle

View Movie

Modes	Frame by frame
	Fast forward
	Reverse playback

*Equivalent to a 35mm camera