

VG-110 Features

- **12 MEGAPIXEL**

An amazing 12 million pixels in the high-resolution CCD create superior image quality. Create poster-sized prints without losing a single detail.

- **4X OPTICAL ZOOM**

You'll never leave anyone out. With its 4x optical zoom you can get dramatically close to the action, and capture everyone and anyone in sight.

- **2.7-INCH LCD**

This large 2.7-inch LCD allows you to easily compose, shoot and share your photos.

- **DIGITAL IMAGE STABILIZATION**

The Digital Image Stabilization feature uses higher ISO and faster shutter speeds to capture sharp, blur-free images, even when you're chasing moving targets.

- **INTELLIGENT AUTO**

The Intelligent Auto setting identifies the scene you're shooting -- portrait, landscape, night portrait, macro, or sport -- and adjusts the settings to optimize results.

- **AF TRACKING**

AF Tracking automatically tracks unpredictable, fast-moving subjects such as kids and pets, and continuously adjusts the focus and brightness so you can capture these photogenic whirlwinds with ease.

- **FACE DETECTION**

Face Detection automatically focuses on your subjects' faces and optimizes exposure for sharp, brilliant portrait pictures.

- **MAGIC FILTER**

Add style and artistic flair to your photos with Olympus' Magic Art Filters. Joining, Pop Art, Pin Hole, Drawing, Fish Eye, and Soft Focus are the new Punk, which creates a two tone image with a classic punk rock feel, Watercolor, which transforms images into frame-worthy paintings, and Sparkle, which adds a twinkle to your photos. (Effects vary by model)

- **MOVIES WITH SOUND**

Shoot VGA movies with sound and share them with all your friends, family and coworkers. Or better yet, share your movies on YouTube, using the included [ib] Software.

- **IN-CAMERA HELP GUIDES**

And if you feel the need for a little extra advice, the camera's on-board Help Guides will briefly describe the camera's features and settings at the touch of a button.

Images, videos and effects are for simulation purposes only, and features may differ by camera model. Prices, specifications and design are subject to change without notice or obligation on the part of the manufacturer.

VG-110 Specifications

Image Sensor 12 Megapixels (effective), 1/2.3"

Focal Length/Lens Configuration 4.8 - 19.2mm (27 - 108mm equivalent in 35mm photography)

Zoom 4x Optical Zoom + 4x Digital Zoom

Aperture Range f2.9 (W) / f6.5 (T)

Display 2.7" LCD 230K dots

Focus System CCD Contrast Detection

Focus Range (from lens surface) Normal mode: Wide: 23.6" - infinity (0.6m - infinity); Tele: 39.4" - infinity (1.0m - infinity)
Macro mode: Wide: 7.9" - infinity (0.2m - infinity); Tele: 23.6" - infinity (0.6m - infinity)
Super Macro mode: 1.97" - infinity (0.05m - infinity)

Focus Mode iESP Auto, Spot AF, Face Detection AF, AF Tracking

Shutter Speed 1/2000 sec. - 1/2 sec. (up to 4 sec. in Candle Scene mode)

ISO Sensitivity (SOS: Standard Output Sensitivity)	Auto, 100, 200, 400, 800, 1600 (equivalent)
Exposure Metering	Digital ESP Metering, Face Detection AE
White Balance Control	Auto, Presets (Daylight, Overcast, Tungsten and 3 Fluorescents)
Exposure Compensation	±2 EV steps in 1/3 EV steps
Image File Format	Still Image: JPEG Movie: AVI Motion JPEG
Number of Recorded Pixels	12MP (3,968 x 2,976): combined scrennail (VGA) 8M (3,264 x 2,448): combined scrennail (VGA) 5M (2,560 x 1,920): combined scrennail (VGA) 3MP (2,048 x 1,536) 2MP (1,600 x 1,200) 1MP (1,280 x 960) VGA (640 x 480): compression ratio: 1/8 & 1/4
Motion Blur Suppression	Digital Image Stabilization
Shooting Modes	25 Shooting Modes; Intelligent Auto, Program Auto, Digital Image Stabilization, Magic Filter, Scene Modes (1. PORTRAIT, 2. LANDSCAPE, 3. NIGHT, 4. NIGHT+PORTRAIT, 5. SPORT, 6. INDOOR, 7. CANDLE, 8. SELF PORTRAIT, 9. SUNSET, 10. FIREWORKS, 11. CUISINE, 12. BEACH & SNOW, 13. DOCUMENTS, 14. PET), HD Movie Magic Filter (Pop Art, Pinhole, Fisheye, Drawing, Soft Focus, Punk, Sparkle)
Panorama	PC Panorama (Up to 10 frames automatically stitchable with ib software)
Shooting Assist Functions	Frame Assist, Voice Recording
Movie Mode	AVI Movie with Sound; 640 x 480 (30/15fps) 320 x 240 (30/15fps)
Image Processing	Standard
Noise Reduction	Set automatically at shutter speeds of 0.5 second or longer in specific scene modes
Image Playback	Still Image: Single, Index Display (4x3, 6x5), Up to 10x Enlargement, Slideshow, Rotation, Protection, Voice Playback (via USB) Movie: Normal, Fast-Forward, Reverse, Frame-by-Frame, Voice Playback (via USB)
Playback Edit Effects	Still Image: Red-Eye Fix, Shadow Adjustment, Resize, Cropping
Flash	Built-in
Flash Modes	Auto (for low light and backlit conditions) Red-Eye Reduction Fill-in Off
Flash Working Range	Wide: 14.4ft (4.38m) at ISO 800 Tele: 6.6 ft (2.30m) at ISO 800
Self-Timer	12/2 Seconds
Removable Media Card	SD/SDHC Card
Outer Connectors	miniB USB Connector

Auto-Connect USB USB 2.0 High-Speed (USB Mass Storage)

System Requirements Auto-Connect USB: Windows® 2000/XP/VISTA/7 with USB port, Mac OS X 10.3 or later with USB port
Software: Windows® 2000PRO/XP/VISTA/7, Mac OS X 10.3 - 10.5

Power Source Li-ion Rechargeable Battery (LI-70B)
F-2AC Adapter

Dimension 3.6"W x 2.1"H x 0.78"D
(92.0mm x 54.2mm x 19.8mm)

Weight 3.7 oz (105 g) including batteries and memory card

Specifications and design are subject to change without notice.

VG-110 Package Contents

- VG-110 Digital Camera
- USB Cable & Charger (F-2AC)
- Instruction Manual & Software CD
- Quick Start Guide
- Wrist Strap
- Lithium-Ion Battery (LI-70B)
- Warranty Card

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Image Sensor: 12 Megapixels (effective), 1/2.3"

Focal Length/Lens Configuration: 4.8 - 19.2mm (27 – 108mm equivalent in 35mm photography)

Zoom: 4x Optical Zoom + 4x Digital Zoom

Aperture Range: f2.9 (W) / f6.5 (T)

Display: 2.7" LCD 230K dots

Focus System: CCD Contrast Detection

Focus Range (from lens surface): Normal mode: Wide: 23.6" – infinity (0.6m – infinity); Tele: 39.4" – infinity (1.0m – infinity)

Macro mode: Wide: 7.9" – infinity (0.2m – infinity); Tele: 23.6" – infinity (0.6m – infinity)

Super Macro mode: 1.97" – infinity (0.05m - infinity)

Focus Mode: iESP Auto, Spot AF, Face Detection AF, AF Tracking

Shutter Speed: 1/2000 sec. –1/2 sec. (up to 4 sec. in Candle Scene mode)

ISO Sensitivity (SOS: Standard Output Sensitivity): Auto, 100, 200, 400, 800, 1600 (equivalent)

Exposure Metering: Digital ESP Metering, Face Detection AE

White Balance Control: Auto, Presets (Daylight, Overcast, Tungsten and 3 Fluorescents)

Exposure Compensation: ±2 EV steps in 1/3 EV steps

Image File Format: Still Image: JPEG

Movie: AVI Motion JPEG

Number of Recorded Pixels: 12MP (3,968 x 2,976): combined scrennail (VGA), VGA (640 x 480): compression ratio: 1/8 & 1/4

Motion Blur Suppression: Digital Image Stabilization

Shooting Modes: 25 Shooting Modes;

Intelligent Auto, Program Auto, Digital Image Stabilization, Magic Filter, Scene Modes (1. PORTRAIT, 2. LANDSCAPE, 3. NIGHT, 4. NIGHT+PORTRAIT, 5. SPORT, 6. INDOOR, 7. CANDLE, 8. SELF PORTRAIT, 9. SUNSET, 10. FIREWORKS, 11. CUISINE, 12. BEACH & SNOW, 13. DOCUMENTS, 14. PET), HD Movie

Magic Filter (Pop Art, Pinhole, Fisheye, Drawing, Soft Focus, Punk, Sparkle)

Panorama: PC Panorama (Up to 10 frames automatically stitchable with ib software)

Shooting Assist Functions: Frame Assist, Voice Recording

Movie Mode: AVI Movie with Sound, 640 x 480 (30/15fps)

Image Processing: Standard

Noise Reduction: Set automatically at shutter speeds of 0.5 second or longer in specific scene modes

Image Playback: Still Image: Single, Index Display (4x3, 6x5), Up to 10x Enlargement, Slideshow, Rotation, Protection, Voice Playback (via USB)

Movie: Normal, Fast-Forward, Reverse, Frame-by-Frame, Voice Playback (via USB)

Playback Edit Effects: Still Image: Red-Eye Fix, Shadow Adjustment, Resize, Cropping

Flash: Built-in

Flash Modes: Auto (for low light and backlit conditions), Red-Eye Reduction

Flash Working Range: Wide: 14.4ft (4.38m) at ISO 800, Tele: 6.6 ft (2.30m) at ISO 800

Self-Timer: 12/2 Seconds

Removable Media Card: SD/SDHC Card

Outer Connectors: miniB USB Connector

Auto-Connect USB: USB 2.0 High-Speed (USB Mass Storage)

System Requirements: Auto-Connect USB: Windows® 2000/XP/VISTA/7 with USB port, Mac OS X 10.3 or later with USB port

Software: Windows® 2000PRO/XP/VISTA/7, Mac OS X 10.3 - 10.5

Power Source: Li-ion Rechargeable Battery (LI-70B), F-2AC Adapter

Dimension: 3.6"W x 2.1"H x 0.78"D, (92.0mm x 54.2mm x 19.8mm)

Weight: 3.7 oz (105 g) including batteries and memory card

Image Sensor: 12 MP, **Focal Length/Lens Configuration:** 4.8 - 19.2mm (27 – 108mm equivalent in 35mm photography) , **Zoom:** 4x Optical Zoom + 4x Digital Zoom , **Aperture Range:** f2.9 (W) / f6.5 (T) , **Display:** 2.7" LCD 230K dots , **Focus System:** CCD Contrast Detection , **Focus Range (from lens surface):** Normal mode: Wide: 23.6" – infinity (0.6m – infinity); Tele: 39.4" – infinity (1.0m – infinity), **Shutter Speed:** 1/2000 sec., **ISO:** 100-1600
Movie: AVI Motion JPEG , **Movie Mode:** AVI Movie with Sound;, 640 x 480 (30/15fps), **Media Card:** SD/SDHC Card , **Power Source:** Li-ion Rechargeable Battery (LI-70B), F-2AC Adapter , **Dimension:** (92.0mm x 54.2mm x 19.8mm) , **Weight:** 3.7 oz (105 g)

