

VR-310 Features

- **14 MEGAPIXEL**
An amazing 14 million pixels in the high-resolution CCD create superior image quality. Create poster-sized prints without losing a single detail.
- **10X WIDE-ANGLE OPTICAL ZOOM**
The 10x wide-angle (24mm) optical zoom lets you get closer to the action while the 24mm wide-angle lens lets you capture more in your shot.
- **3" LCD**
This huge 3" LCD features an extra-wide viewing angle for easier composing and shooting.
- **HD MOVIE 720P**
A simple, one-touch button allows you to record movies with amazing clarity in high-definition, right from your camera.
- **DUAL IMAGE STABILIZATION**
Dual Image Stabilization combines Sensor-Shift Image Stabilization with high ISO sensitivity and fast shutter speeds to capture crisp, clear images in any situation.
- **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.)
- **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.

VR-310 Specifications

Image Sensor	14 Megapixels (effective), 1/2.3"
Focal Length/Lens Configuration	4.2 - 52.5mm (24 – 240mm equivalent in 35mm photography)
Zoom	10x Optical Zoom + 4x Digital Zoom
Aperture Range	f3.0 (W) / f5.7 (T)
Display	3.0" 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: 35.4" – infinity (0.9m – infinity) Super Macro mode: 0.39" – infinity (0.01m – 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, High 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	14M (4288x3216): combined scrennail(VGA) 8M (3264x2448): combined scrennail(VGA) 5M (2560x1920): combined scrennail(VGA) 3MP (2,048 x 1,536) 2MP (1,600 x 1,200) 1MP (1,280 x 960) VGA(640x480): compression ratio: 1/8 □ • 1/4 16:9 (4288x2416): compression ratio: 1/4 □ • 1/8
Motion Blur Suppression	Dual Image Stabilization
Shooting Modes	25 Shooting Modes; Intelligent Auto, Program Auto, Sensor-Shift Image Stabilization, Magic Mode, 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)
Continuous Shooting	No
Shooting Assist Functions	Frame Assist, Voice Recording
Movie Mode	AVI Movie with Sound; 1280X720 (30fps,15fps) 640x480 (30/15fps) 320x240 (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 Movie: Normal, Fast-Forward, Reverse, Frame-by-Frame, Voice Playback
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
Self-Timer	12/2 Seconds
Removable Media Card	SD/SDHC Card
Outer Connectors	Multi-Terminal (USB Connector, Audio/Video Output)
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-42B) F-2AC Adapter
Dimension	4.0"W x 2.3"H x 1.1"D (100.6mm x 58.2mm x 28.5mm)
Weight	5.6 oz (158 g) including batteries and memory card

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VR-310 Package Contents

- VR-310 Digital Camera
- USB Cable & Charger (F-2AC)
- Instruction Manual
- [ib] Software CD
- Audio/Video Cable
- Wrist Strap
- Lithium-Ion Battery (LI-42B)
- Warranty Card

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