

Pentax WG-3



Your Adventure Is Now

Built for life's adventures, planned and unexpected, our 15th generation ruggedized compact camera builds on proven PENTAX experience to bring you our best adventure proof camera yet. Capture outstanding images in any element with its brighter 4X optical zoom, new Shake Reduction system and high resolution sensor. Dive deeper, climb higher, explore longer, and capture even more of your journey with the PENTAX WG-3. Your adventure is now.

- **16 megapixel backlit CMOS sensor and new-generation Imaging Engine**

A Backlit 16 megapixel CMOS sensor, coupled with the new-generation imaging engine delivers a top sensitivity of ISO 6400 with low-noise characteristics and super-high resolution imaging with no compromise in image quality, color accuracy, and noise performance in any lighting condition, underwater and in the field.

- **Waterproof to 45 feet**

PENTAX's 15th generation waterproof digital compact camera has intensified 'tough' as the further enhanced the watertight construction allows for a depth of 45 feet—swim in the pool, snorkel and dive in the ocean, kayak river rapids, surf the big waves or get caught in a downpour, all the while capturing beautiful photography and HD video for up to two hours of continuous operation.

- **Crushproof**

Heavy-duty and dependable in harsh, demanding conditions, the crushproof construction withstands weights up to 220 LBF (pound-force), preventing from damage at the bottom of a backpack, or when accidentally wedged between a body and a solid object.

- **Dustproof**

The dustproof design protects the camera from any dry, dusty environments your adventures may take you—ensuring clear, clean images at sandy beaches and in windy desert storms.

- **Six LED Macro Lights to assist in close-up shooting**

Capture the tiniest details while the positioning of six LED Macro Lights around the circumference of the lens barrel allows for brighter, uniform illumination on a subject when the Digital Microscope mode is selected—perfect for insects, flowers, nature and still-life photography.

- **3 inch High resolution LCD Screen with Anti-Reflection**

An extra-large, high-resolution 3 inch color LCD monitor with horizontally extended 16:9 proportions, and approximately 460,000 dots, offers beautiful capture and playback— while the PENTAX-original AR (Anti-

reflection) coating assures clear, glare-free images on-screen, even in harsh sunlight. Its wide-view design offers a clear view from approximately 170 degrees, making it useful in low and high angle shooting.

- **PENTAX Sensor –Shift Shake Reduction system**

The triple shake reduction system combines an image-sensor-shift-type SR (Shake Reduction) mechanism with the digital Pixel Track and high ISO Shake Reduction modes to more effectively protect shake-prone images and low light photography for incredibly sharp blur-free images. Keep your memories vibrant—enjoy the reliability of stunning sunsets, and always-sharp adventures with the PENTAX SR system.

- **Shockproof**

The shockproof, ruggedized design protects from drops up to 6.6 feet, ensuring stable operation during rigorous outdoor activity or for life's everyday mishaps—perfect for anyone, whether you're a mountain climber or a family with small children.

- **Coldproof**

Coldproof to sub-freezing temperatures of minus 14 degrees F (10 degrees C) making the WG-3 ideal for use in cold, snowy, wet conditions from skiing to snowmobiling, snowshoeing to sledding, or just building a snowman in the front yard.

- **Faster F 2.0 aperture with a 4X Optical Zoom**

The newly designed optical 4X zoom lens offers a high-performance, large aperture of F2.0 at its widest angle to capture bright imagery no matter what the lighting condition, even in dim underwater conditions—all the while offering a complete range of shots from wide-angle to telephoto (25mm-100mm equivalent in 35mm format) for everyday and extreme photography. The camera's Intelligent Zoom (digital) function also extends the range even further to approximately 28.8 times to cover the focal length to a 720mm super-telephoto (in 35mm format), to capture extra-high magnification images, such as wildlife, without compromising image quality.

- **Full 1080p30 HD video recording, h.264 compression**

Capture full HD video in widescreen 1080p resolution (1920x1080) with efficient, high quality h.264 compression at 30 frames per second. Also featuring a high-speed camera function for slow-motion playback of captured movie clips and a fast-forward movie function. A micro-HDMI terminal is also provided on the camera body for simultaneous output of movie clips and sound to external devices.

Specifications:

- **Type**

Compact Digital Camera

- **Sensor**

Type: Backlit CMOS w primary color filter

Size: 1/2.3"

Effective pixels: 16

Total pixels: 16.79

Recorded resolutions

Still: 16M (4608x3456), 12M (1:1, 3456x3456), 12M (16:9, 4608x2592), 7M (3072x2304), 5M (16:9, 3072x1728), 5M (2592x1944), 4M (16:9, 2592x1464), 3M (2048x1536), 2M (16:9, 1920x1080), 1024 (1024x768), VGA (640x480)

Movie: HD (1920x1080p30, 1280x720p60/30)

Quality levels: Still: *** best, ** better, * good, Movie: fixed

- **Lens**

Type/construction: PENTAX zoom lens, 9 elements, 7 groups (4 aspheric elements), protective cover w SP coating

Optical zoom: 4X

Focal length (equiv.): 4.5-18mm (25-100mm)

Digital zoom: 7.2X

Combined zoom: 28.8X

Intelligent zoom: Approx. 6X at 7M to 28.8X at VGA

Aperture: F2-4.9

- **Focus System**

Type: TTL contrast detection autofocus, AF assist lamp, Macro Illuminating LEDs

Focus modes: 9 point AF, Spot AF, Auto Tracking AF, Macro, 1CM Macro, Infinity Landscape, Pan Focus, Manual Focus

Manual focus: Yes

Macro focus: Yes, Macro and 1CM Macro available

Focus lock: Yes, by pressing the shutter release button half way

Focus range

Normal: 1.31' to infinity

Macro: 0.33' to 1.64'

Super Macro: 0.03 (1cm) to 0.98' (at mid-zoom, set automatically)

- **Viewfinder**

Viewfinder: n/a

- **LCD Monitor**

LCD screen: 3" widescreen TFT color LCD w anti-reflective coating on cover

LCD resolution: HVGA 460,000 dots

Wide angle viewable: Yes (approx. 170° horizontal/vertical)

- **Flash**

Type: Built-in series control auto flash

Flash modes: Auto, Flash Off, Flash On, Auto + Redeye, On + Redeye

Effective range: 34' (wide, auto ISO), 14' (tele, auto ISO)

- **Storage Media**

Internal memory: 70 MB

Removable memory: SD, SDHC, SDXC

- **Interfaces**

Ports: USB 2.0 hi-speed, USB / AV out, HDMI (Micro, Type-D)

Video out: NTSC, PAL, HD (HDMI supports HD Auto, 1080i, 720p, 480p)

Printer interfaces: n/a

- **Power Supply**

Power source: Rechargeable Li-Ion battery D-LI92

Recordable images: Approx. 240

Playback time: Approx. 200 min

Movie recording time: Approx. 65 min

Audio recording time: Approx. 270 min

AC adapter available: Yes (optional)

- **Physical Specs**

Dimensions (W x H x D): 4.9" x 2.5" x 1.3"

Weight:

Without battery or removable memory: 7.4 oz

Loaded and ready: 8.1 oz

Construction material(s): Reinforced polycarbonate plastic w aluminum accents

Operating temperature: 14-104°F (coldproof)

Ruggedized features: Waterproof (45.9'), Shockproof (6.5'), Crushproof (220 LBF), Coldproof (-10°C), Dustproof (JIS 6)

- **Timing**

Startup: Approx 1.8 sec

Release lag: Approx 0.016 sec

- **Language Support**

English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian

- **Image Stabilization**

Still: Sensor-Shift-Type (SR : Shake Reduction), Dual (SR & Pixel Track SR),

High-sensitivity anti-shake mode (Digital SR)

Movie: Movie SR (Maximum effect of Sensor-Shift-Type SR = approx. 3 stops)

- **Metering System**

Type: TTL

Multi-segment: Yes

Center weighted: Yes

Spot: Yes

Exposure compensation: +/- 2 EV (1/3 steps)

- **ISO Sensitivity**

Auto: 125-6400 auto range adjustable

Manual: 125-6400

- **White Balance**

Auto, Daylight, Shade, Tungsten Light, Fluorescent Light (D: Daylight Color, N: Daylight White, W: White Light), Manual

- **Shutter**

Type: Programmed AE mechanical and electronic shutter mechanism.

Shutter speed: 1/4000 to 1/4 sec (up to 4 sec in Night Scene mode).

- **Capture Modes**

Mode selection: Auto Picture, Program, HDR, Night Scene, Handheld Night Snap (ISO 125-1600), Movie, Underwater, Underwater Movie, Digital Microscope (2M), Landscape, Flower, Portrait, Interval Shot, Interval Movie, High Speed Movie (VGA, 120 FPS capture, 30 FPS playback), Time-Lapse Movie, ICM Macro Movie, Digital SR, Surf & Snow, Kids, Pet, Sport, Fireworks, Night Scene

Portrait, Food, Digital Wide (5M), Digital Panorama (2M per frame), Report (1280x960, ISO 125-1600), Green (ISO 125-1600)

Auto Picture modes: Landscape, Portrait, Night Scene, Night Scene Portrait, Standard, Flower, Sport, Candlelight, Blue Sky, Sunset, Text, Group Photo, Pet, Portrait x Blue Sky, Portrait x Sunset, Portrait x Backlight

Custom Image Tone: Bright, Natural, Monochrome

Green simplified mode available: Yes (ISO 125-1600)

Face detection available: Yes (up to 32 faces), Smile Capture, Blink Detection, Self Portrait Assist, Self Portrait Assist + Smile

Capture, Pet Recognition (1 face detect)

PASMB: P

Date stamp: Yes, date, date-time, time (not available in Green mode)

Digital filters (capture): n/a

Dynamic Range Adjustment: Yes (highlight and shadow correction)

File/Folder customization: Folder name (date, PENTX, custom), file name (IMGP, custom)

Electronic level: Yes

- **Drive Modes**

Mode selection: One Shot, Self-Timer (10s, 2s), Continuous, Burst Shooting, Remote Control (3s, 0s), Auto Bracketing

Continuous FPS: approx. 1.5 fps, 16M(4:3): up to approx. 60 frames, approx. 1.7 fps, 12M(16:9): up to approx. 78 frames

Burst approx. 12 fps, 5M(4:3): up to 30 frames, approx. 14 fps, 4M(16:9): up to 30 frames

Multi-exposure: n/a

Interval: Interval Shot, Interval Movie, High Speed Movie (120 FPS capture, 30 FPS playback)

HDR: Yes. Capture Mode (3 captured images combined to create single image with wide dynamic range) or as a Playback filter (single image processed to have HDR "look")

- **Playback Modes**

Mode selection: One Shot, Index (6 or 12 thumbnails), Magnification (up to 10X, scrollable), Movie Playback, Histogram, Folder Display, Select & Delete, Calendar

Mode pallet: Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Collage, Digital Filter(B&W/Sepia, Toy Camera, Retro, Color, Extract Color, Color Emphasis, High Contrast, Starburst, Soft, Fish-eye, Digital filters (playback): (B&W, Sepia, Toy Camera, Retro, Color, Color Extract, Color Emphasis, High Contrast, Starburst, Soft, Fisheye, Brightness, Miniature), HDR Filter, Original Frame, Movie Edit, Red-Eye Edit, Resize, Cropping, Image Copy, Protect, DPOF, Start-up Screen

Movie edit: Save as Still Image, Movie Divide, Title Picture

- **File Formats**

Still: JPG (EXIF 2.3), DCF 2.0, DPOF, PIM III

Movie (compression): MP4 (AVC h.264)

Sound: WAV (PCM), 32KHz, 16bit stereo, High Speed Movie] 8KHz, 16bit, stereo

- **Computer Requirements**

For device connectivity. Bundled software requirements may vary.

WINDOWS: Windows XP(SP3), Vista, 7, 8, USB port

Mac: MacOS 10.4, 10.5, 10.6, 10.7, 10.8 USB port

