



Optio WG-1 GPS

PROVE YOU WERE THERE.

Get ready for adventure in any environment with the new PENTAX Optio WG-1 GPS – the next generation outdoor camera that's tougher, smarter and more weatherproof than ever.

Waterproof

Waterproof to 33 feet is perfect for use when submerged.

Crushproof

Crushproof construction withstands weights up to 220 LBF (pound-force).

Dustproof

Dustproof design protects the camera from dry, dusty environments.

Wide angle 5X internal optical zoom lens

Wide angle 5X internal optical zoom lens (28-140mm equivalent) provides flexible capture of subjects near or far.

Digital Microscope mode

Enhanced Digital Microscope mode uses 5 macro LEDs for perfect focus and smooth, even lighting.

720p HD video

Capture video in widescreen 720p HD at 30 frames per second.

GPS functionality

GPS functionality allows for positional data recording with images for geo-tagging applications.

12th generation

PENTAX's 12th rugged generation waterproof digital camera is adventure proof, and suitable for almost any environment.

Shockproof

Shockproof, ruggedized design protects from drops up to 5 feet.

Coldproof

Coldproof to sub-freezing temps of minus 10 degrees C (14 degrees F).

14 megapixels

14 megapixel sensor offers plenty of image detail.

Large 2.7 inch LCD

Large 2.7 inch LCD features a wide angle 16:9 aspect ratio with anti-reflective coating.

HDMI port

An HDMI port plays back beautiful, high def images and video on HDTVs.

Digital Shake Reduction

Pixel Track and Digital Shake Reduction ensure sharp, blur-free images

SEE SPECIFICATIONS BELOW:

TYPE	Compact Digital Camera
SENSOR	Type: 1/2.3" interline transfer CCD w primary color filter Effective pixels: 14 Total pixels: 14.48 Recorded resolutions Still: 14M (4288x3216), 10M (1:1, 3216x3216), 10M (16:9, 4224x2376), 7M (3072x2304), 5M (16:9, 3072x1728), 5M (2592x1944), 4M (16:9, 2592x1464), 3M (2048x1536), 2M (16:9, 1920x1080), 1024 (1024x768), VGA (640x480) Movie: HD (1280x720p30/15), VGA (640x480p30/15), QVGA (320x240p30/15) Quality levels: *** best, ** better, * good
LENS	Type/construction: PENTAX zoom lens, 11 elements, 9 groups (5 aspheric elements), protective cover w SP coating Optical zoom: 5X Focal length (equiv.): 5-25mm (28-140mm) Digital zoom: 6.7X Combined zoom: 33.5X Intelligent zoom: Approx 7.0X at 7M to 33.5X at VGA Aperture: F3.5-5.5
FOCUS SYSTEM	Type: TTL contrast detection autofocus, AF assist lamp, Macro Illuminating LEDs Focus modes: 9 point AF, Spot AF, Auto Tracking AF, Macro, Super Macro, Infinity Landscape, Pan Focus, Manual Focus Manual focus: Yes Macro focus: Yes, Macro and Super Macro available Focus lock: Yes, by pressing the shutter release button half way Focus range Normal: 1.64' to infinity Macro: 0.33 to 1.97' Super Macro: 0.03 (1cm) to 0.98' (at mid-zoom, set automatically)
VIEWFINDER	LCD screen: 2.7" widescreen TFT color LCD w anti-reflective coating on cover LCD resolution: 230,000 dots Wide angle viewable: Yes Viewfinder: n/a
LCD MONITOR	Type: Built-in series control auto flash Flash modes: Auto, Flash Off, Flash On, Auto + Redeye, On + Redeye Effective range: 13' (wide, auto ISO), 8.2' (tele, auto ISO)
FLASH	Type: Built-in series control auto flash Flash modes: Auto, Flash Off, Flash On, Auto + Redeye, On + Redeye Effective range: 13' (wide, auto ISO), 8.2' (tele, auto ISO)
STORAGE MEDIA	Internal memory: 97MB Removable memory: SD, SDHC, SDXC
INTERFACES	Ports: USB 2.0 hi-speed, 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 260 Playback time: Approx 280 min Movie recording time: Approx 120 min Audio recording time: Approx 350 min AC adapter available: Yes (optional)
PHYSICAL SPECS	Dimensions (W x H x D): 4.5 x 2.3 x 1.1" Weight Without battery or removable memory: 5.0 oz (WG-1), 5.2 oz (WG-1 GPS) Loaded and ready: 5.3 oz (WG-1), 5.9 oz (WG-1 GPS) Construction material(s): Reinforced polycarbonate plastic w aluminum accents Operating temperature: 14-104°F (coldproof) Weather Resistant: Yes, JIS Class 8 waterproof submersible to 33', JIS Class 6 dustproof Shock Resistant: Yes, shockproof to 5'
LANGUAGE SUPPORT	English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified/Traditional Chinese
IMAGE STABILIZATION	Still: Pixel Track SR, Digital SR (ISO 3200-6400 5M or 4M) Movie: Movie SR
ISO SENSITIVITY	Auto: 80-1600 auto range adjustable, Digital SR 80-6400 (ISO 3200-6400 5M or 4M) Manual: 80-6400 (iso 3200-6400 5M or 4M)

WHITE BALANCE

Auto preset modes: Auto, Daylight, Shade, Tungsten, Fluorescent Manual mode(s): Yes

SHUTTER

Type: Programmed AE electronic lens shutter with CCD electronic shutter speed: 1/1500 to 1/4 sec (up to 4 sec in Night Scene mode)

CAPTURE MODES

Mode selection: Auto Picture (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), Program, Night Scene, Movie, Underwater, Underwater Movie, Digital Microscope (2M), Landscape, Flower, Portrait, Digital Wide (5M), Digital SR (ISO 3200-6400 5M or 4M), Surf & Snow, Kids, Pet, Sport, Fireworks, Candlelight, Night Scene Portrait, Text, Food, Digital Panorama (2M per frame), Frame Composite (3M or 2M), Report (1280x960), Green, Voice Recording (via reprogrammable Green button) Green simplified mode available: Yes Face detection available: Yes (up to 32 faces), Smile Capture, Blink Detection, Self Portrait Assist, Pet Recognition (1 face detect, 3 faces pre-registered) P/A/S/M/B: P Date stamp: Yes, date, date-time, time (not available in Green mode) Digital filters (capture): Image Tone (Bright, Natural, Monochrome) Dynamic Range Adjustment: Yes (highlight and shadow correction)

DRIVE MODES

Mode selection: One Shot, Self Timer, Continuous, Burst (5M or 4M), Remote Control, Interval, Auto Bracket Continuous FPS: Approx 0.68 FPS, Burst 2.27 FPS for 19 frames (5M or 4M), 5.26 FPS for 19 frames at ISO 3200-6400 (5M or 4M) Self-timer: Yes (10s, 2s, remote 3s) Remote control: Yes (infrared, optional)

PLAYBACK MODES

Mode selection: One Shot, Index (6 or 12 thumbnails), Magnification, Movie Playback, Sound Playback, Histogram, Folder Display, Select & Delete, Calendar Mode pallet: Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Collage, Digital Filter, Original Frame (5M or 4M), Frame Composite (3M or 2M), Movie Edit, Redeye Edit, Resize, Cropping, Image & Sound Copy, Voice Memo, Protect, DPOF, Startup Screen, Faze Zooming Magnification: Up to 10X, scrollable Digital filters (playback): B&W, Sepia, Toy Camera, Retro, Color, Color Extract, Color Emphasis, High Contrast, Starburst, Soft, Fisheye, Brightness, Miniature Movie edit: Save as Still Image, Movie Divide, Title Picture

FILE FORMATS

Still: JPG (EXIF 2.3), DCF 2.0, Print Image Matching III Movie (compression): AVI (Motion JPG) Sound: WAV (PCM), monaural

COMPUTER REQUIREMENTS

*For device connectivity. Bundled software requirements may vary. Windows: Windows XP(SP3), Vista, 7, USB port Mac: MacOS 10.3.9, 10.4, 10.5, 10.6, USB port

WHAT'S IN THE BOX:

USB Cable I-USB7

LI92 Rechargeable Li-Ion Battery D-

Strap O-ST104

Macro Stand O-MS1

AV Cable I-AVC7

Battery Charger Kit K-BC92U

Carabiner Strap O-ST117

Software CD-ROM S-SW117