PENTAX
A RICOH COMPANY

WG-3

THE ADVENTURE-PROOF CAMERA

WG-3	**Orange**	12694
EAN code		0027075228252
WG-3	**Black**	12683
EAN code		0027075228146

Dimensions   approx. 125(W) x 64.5(H) x 32(D) cm
Weight (body only)   209 g

ADVANTAGES

The complete Outdoor camera
Resistant to water, dust, sand, crash, cold, pression
♦ **Tough construction** for shooting in demanding outdoor conditions
♦ Reliable **waterproof** construction to assure worry-free shooting at a depth of **14m**
♦ Exceptional **shockproof** capability; it can withstand a fall from a height of **2m**
♦ **Crushproof** to a pressure **up to 100kg**
♦ **Coldproof** down to **−10°C**. Thanks to these outstanding features, you can bring it everywhere or let it in anybody's hands !

High Quality Photo & Video
16 MP Back-illuminated CMOS sensor and Full HD Video
♦ Highest sensor resolution of its category **16 MP** to offer extremely detailed pictures
♦ **Back-illuminated CMOS sensor** technology to capture light efficiently. This helps increase the sensitivity as well as optimize noise management
♦ Sensor-shift **Shake Reduction**
♦ **Full HD video-recording** (H.264) for high-quality movie clips and **HDMI terminal**

Versatile zoom lens
25mm Wide-angle and 4X Optical Zoom lens
Equivalent 35mm : 25 - 100mm,
large aperture F.2 (Wide-angle)
♦ **Wide-angle 4X** zoom to accommodate a wide range of subjects and scenes from landscapes to fast-action sports events.
♦ **Macro shooting** down to just 1 cm from the subject to get spectacular images of flower or insect
♦ **6 LED** placed around the lens to avoid shadows on macro photographies
♦ Innovative **Digital Microscope** mode for accurate, detailed records of tiny parts for people interested in nature observation.

OPTIONAL ACCESSORIES

Rechargeable battery   Battery Charger   AC Adapter

Remote Control   Floating Strap   Neoprene Case

Bike Mount   Rollerblade Mount

Code Art.

Rechargeable battery Li-Ion D-LI92	39800
Battery charger Kit K-BC92E	39804
AC adapter Kit K-AC117E	38971
Pentax AV Cable I-AVC7	39552
USB Cable I-USB7	39551
Black neoprene Softcase	xxxxxx
Waterproof remote Control O-RC1	39892
Floating Strap Red O-ST1352	38854
Macro Stand O-MS2	xxxxx
Bike mount	50270
Chest (rollerblading) mount	50272

SUPPLIED ACCESSORIES

Macro Stand   Carabiner Strap

USB Cable I-USB7
Rechargeable battery Li-Ion D-LI92
Power Adapter D-PA135
AC Plug D-PL135E
Carabiner Strap O-ST134
Macro Stand O-MS2
Software CD-ROM S-SW135

WATERPROOF up to 14m | DUSTPROOF | SHOCKPROOF 2m | CRUSHPROOF 100 kg | COLDPROOF -10°c

MEGA 16 PIXELS | OPTICAL 4x ZOOM | WIDE ANGLE 25mm | Full HD Video | ISO 100 6400 | L C D 3'' | MACRO 1cm

12.5 CM
6.45 CM
3.2 CM

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DIGITAL COMPACT

CCD SENSOR

Number of pixels	Approx. 16 megapixels
Total pixels	Approx. 16.79 megapixels
Sensor size	1/2.3'' CMOS
Image size*	16M(4608x3456), 12M(1:1)(3456x3456),12M(16:9) (4608x 2592), 7M(3072x2304), 5M(16:9)(3072x1728), 5M(2592x1944), 4M(16:9)(2592x1464), 3M (2048x1536), 2M(16:9)(1920x1080), 1024(1024x768), 640(640 x 480) (Unit:pixels)
Sensitivity	Auto, Manual (ISO 125 - 6400)
Auto ISO range**	ISO 125-200, ISO 125-400, ISO 125-800, ISO 125-1600, ISO 125-3200, ISO 125-6400
Shake Reduction	Dual (SR & Pixel Track SR), High-sensitivity anti-shake mode (Digital SR)

LENS

Focal length	4.5 - 18mm, approx. 25 - 100mm in 35mm
Aperture	F2.0(W) - F4.9(T) [smallest aperture F11.3(W)-F18.5(T)]
Construction	9 elements in 7 groups (4 aspherical elements)
Optical zoom	4x
Digital zoom****	Approx. 7.2x
Intelligent zoom	approx. 6X at 7M and 28.8X at 640 (including optical zoom)

LCD SCREEN

Type	3.0" wide TFT color LCD, Wide viewing 170° angle degree, approx. 460K dots, AR Coating (LCD Cover only) with protection acrylic cover
LCD frame rate	approx. 60

FILE FORMATS

Photo format	JPEG (Exif 2.3), DCF 2.0, DPOF, PRINT Image Matching III
Quality level	★★★ Best, ★★ Better, ★ Good
Video format	MPEG-4 AVC/H.264
Audio	Movie/Underwater, Movie/Time-Lapse, Movie/1cm-Macro Movie：32KHz, 16bit, stereo High Speed Movie：8KHz, 16bit, stereo

MEMORY

External memory	Compatible SD, SDHC, SDXC and eye-Fi Memory cards
Internal memory	approx. 70 MB

FOCUSING

Autofocus	TTL Contrast detection auto focus system
Focus options	Infinity-landscape, Pan Focus, Manual Focus
AF points	9-point AF, Spot AF, Auto tracking AF (anticip. mov. subject)
Standard	0.4m - infinity (whole zoom area),
Macro	0.1m - 0.5m (whole zoom area),
1cm Macro	0.01m - 0.3m (mid-zoom to telephoto)
Manual focus range	0.01m - infinity (Depends on the zooming steps)
AF assist lamp	available

EXPOSURE CONTROL

TTL Metering modes	Multi-segment metering, Center-weighted metering, Spot AE metering
Shutter speeds	1/4000 - 1/4sec (Mechanical and electronic shutter) 4sec at most (Night Scene mode setting)
Scene modes	Auto Picture, Program, HDR, Handheld Night Snap, Movie, Underwater, Underwater Movie, Digital Microscope, Landscape, Flower, Portrait, Interval Shot, Interval Movie, High Speed Movie, Time-Lapse Movie, 1cm-Macro Movie, Digital SR, Surf & Snow, Kids, Pet, Sport, Night Scene, Night Scene Portrait, Fireworks, Food, Digital Wide, Digital Panorama, Report, Green
Exposure compensa°	± 2EV (1/3EV steps)

FLASH

Flash modes	Flash-on, Flash-off modes
Other	"Red-eye" compensation function with pre-discharge
Flash range	Wide: approx. 0.2 - 10.4m (ISO Auto) Tele: approx. 0.2 - 4.2m (ISO Auto)

VIDEO

Movie	Movie shake reduction Mode (Movie SR)
Duration	Depends on memory card capacity
Resolution*	Full HD 1920（1920 x 1080）, approx. 30fps, HD 1280 (1280x720), approx. 60/30fps,
Video editing	Save as still image, Divide movies, Adding title picture.

POWER SUPPLY

Battery	Rechargeable D-LI92 Lithium-ion battery
Capacity	Approx. 240 shots** and 200 min** in playback mode Approx. 65min in movie mode
Other sources	Optional AC adapter available

INTERFACES

Interfaces	USB 2.0(Hi-Speed): USB/AV terminal, HDMI terminal (Type D) (Micro port)
Video output	NTSC/PAL

RECORDING PARAMETERS

Drive modes	One shot, Self-timer (10 sec, 2 sec, Remote Control (immediately, 3 sec)), Continuous Shooting, Burst Shooting, Remote Control (2 receivers in front and back of the camera), Auto Bracketing
White balance	Auto, Daylight, Shade, Tungsten light, Fluorescent light (D:Daylight Color, N:Daylight White, W:White Light), Manual
Dynamic Range	Shadow/ Highlight adjustment

OTHER FEATURES

Languages	English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian
Digital filters	B&W/Sepia, Toy Camera, Retro, Color, Extract Color, Color Emphasis, High Contrast, Starburst, Soft, Fisheye, Brightness, Miniature
Auto pict.Scene 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
Others	Noise reduction auto. applied when shutter speed is slower than 0.25 sec, Face detection AF&AE available for all modes up to 32 faces, Smile Capture, Self-portrait Assist, Self-portrait Assist + Smile Capture, Blink Detection, detects up to 1 pet's face (auto), Date Imprint Available*** (Date, Date & time, Time), World Time, 6 Macro Lights, changing folder name, electronic level
Image Tone	Bright, Natural, Monochrome, Text size (Stdd, Large)
Playback modes	Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Collage, Digital Filter, HDR Filter, Original Frame, Movie Edit, Red-eye Edit, Resize, Cropping, Image Copy, Protect, DPOF, Start-up Screen
Playback functions	One Shot, Index (6 thumbnails, 12 thumbnails), Enlargement (up to 10x, scroll available), Movie Playback, Histogram, Folder display, Select&Delete, Calendar
Waterproof/Dustproof	Equ. to JIS Class 8 waterproof **** and JIS Class 6 dustproof capabilities****
Start-up time	approx. 1.8sec
Release time lug	approx. 0.016sec

DIMENSIONS AND WEIGHT

Dimensions	approx 125(W) x 64.5(H) x 32(D) mm
Weight	209g (unloaded), 229g (with battery & SD card)

SYSTEM REQUIREMENTS

Operating systems	PC: Windows XP (SP3), Vista ™ ,7 and 8 Mac: OS X 10.4 or above

SOFTWARE

	PC: MediaImpression 3.6.2 LE Mac: MediaImpression 2.2 LE

* Recorded pixels is fixed to 1280(1280x720), and frame rate is fixed to 120fps for shooting, 30fps for playback in High Speed Movie mode.
* Recorded pixels is fixed to 640(640x360), and frame rate is fixed to 15fps for shooting, 240fps for playback in Time-Lapse Movie mode.
* Still Picture Saving during Movie Recording (up to three still pictures per each continuous movie recording, with the focus fixed at the start of recording and the number of recorded pixels fixed to 12M (16:9). The angle of view may change, depending on the number of recorded pixels for movies. The image may be distorted, depending on recording conditions.)

** Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary depending on operating conditions.
** According to the result of PENTAX RICOH IMAGING in-house testing.
*** Except in Green mode

**** Waterproof (Up to 14m(45ft) for 2hours), Shock proof (Up to 2.0m (6.5ft))
**** Operating Temperature -10° to 40°

* In Digital Microscope mode, recorded pixels is fixed to 2M(1920x1080).
* In Digital Wide mode, recorded pixels is fixed to 5M(2592x1944). (After Merge) Or fixed at 3M (2048x1536) in single frame. (Before Merge.)
* In Burst Shooting mode, recorded pixels is fixed to 5M(2592x1944) or 4M(2592x1464) per frame.
* In Digital Panorama mode, recorded pixels is fixed to 3M(2048x1536) per frame.
* In Report mode, recorded pixels is fixed to 1280x960.
* In Original Frame mode, recorded pixels is fixed to 5M(2592x1944) or 4M(2592x1464).
** Fixed at ISO 125-1600 in Green mode.
** Fixed at ISO 125-200, 125-400, 125-400, 125-1600 in Handheld Night Snap mode.
** Fixed at ISO 125-6400 in Report mode.
**** Digital zoom and Intelligent Zoom are not available in Report mode.