

Pentax WG-90 Specification

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Specifications

Lens

Lens	PENTAX lens, 11 elements in 9 groups (5 aspherical elements)
Focal Length	5 – 25 mm
(in 35mm format equiv)	Approx. 28 – 140 mm
Maximum Aperture	F3.5(W – F5.5(T)

Zoom

Optical Zoom	5X
Digital Zoom	Approx. 7.2X
Intelligent Zoom	Approx. 7.5X at 7M, approx.. 36X at 640 (including optical zoom)

Motion Blur Reduction

Still	Pixel Track SR Hi-sensitivity anti-shake mode (Digital SR)
Movie	Movie shake reduction mode (Movie SR)

Focus

Type	9-point AF, Spot AF, Auto Tracking AF
Focus Range	Standard: 0.5m - infinity / 1.64ft. - infinity (entire zoom range) Macro:0.1 - 0.6m / 0.33 - 1.97ft. (entire zoom range) 1cm Macro:0.01 - 0.3m / 0.03 - 0.98ft. (middle zoom position) Infinity-landscape, Pan Focus, Manual Focus: available

Number of Recorded Pixels

Still	16M, 12M(1:1), 12M(16:9), 7M, 5M(16:9), 5M, 4M(16:9), 3M, 2M(16:9), 1024, 640
Movie	1920, 1280



Exposure Control

Metering System	Multi-segment metering, Center-weighted metering, Spot metering
Exposure Compensation	± 2EV (1/3EV steps)

Built-In Flash

Modes	Flash-on and Flash-off modes. “Red-eye” compensation function employs a pre-discharge. Macro Light mode
Flash Range*	Wide:approx. 0.2 - 5.5m / 0.66 - 18 ft. (ISO Auto) Tele:approx. 0.2 - 3.5m / 0.66 - 11 ft. (ISO Auto)

*except Macro Light Mode)

Other

Number of Effective Pixels	Approx. 16 megapixels
Image Sensor	1/2.3” CMOS
Image Tone	Bright, Natural, Vibrant, Slide Film, Monochrome, Cross Processing
Sensitivity	AUTO, Manual (ISO 125 – 6400)
White Balance	Auto, Daylight, Shade, Tungsten Light, Fluorescent Light (D: Daylight Colour, N: Daylight White, W: White Light), Manual
Display	2.7” Wide LCD, Approx. 230K Dots, AR Coating (Cover Only)
Scene Modes	Auto Picture, Program, HDR, Handheld Night Snap, Movie, High Speed Movie, Digital Microscope, Landscape, Flower, Portrait, Underwater, Underwater Movie, Interval Shot, Interval Movie, Surf & Snow, Kids, Pet, Sport, Night Scene, Night Scene Portrait, Fireworks, Food, Digital SR, Report, Green
Face detection	Face Detection AF&AE is available for all modes up to 32 faces. Smile Capture, Self-portrait Assist, Self-portrait Assist + Smile Capture, Blink Detection
Pet detection	Detect up to 1 pet’s face (auto)
Playback modes	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, Brightness, Miniature), HDR Filter, Original Frame, Movie Edit, Red-eye Edit, Resize, Cropping, Image Copy, Protect, Start-up Screen
Shutter Speed	1/4000 - 1/4sec.(Mechanical and electronic shutter), 4sec at most. (Night Scene mode setting)
Drive Modes	Standard, Self-timer, Continuous Shooting, Burst Shooting, Remote Control, Auto Bracketing
Storage Modes	Built-in Memory (approx. 68MB), SD/SDHC/SDXC Memory Card
Power Source	Rechargeable D-LI92 lithium-ion battery



Battery Life	Still*: approx. 300 shots (Rechargeable Lithium-ion battery) Playback**: approx. 260 min. (Rechargeable Lithium-ion battery) * 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 RICOH IMAGING in-house testing.
Interfaces	USB2.0 (Micro-B), HDMI Output Terminal (Type D)
Waterproof / Dustproof	Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilities
Dimensions	Approx. 122.5 (W) x 61.5 (H) x 29.5 (D)mm /4.8 (W) x 2.4 (H) x 1.2 (D) inches (excluding operating and protruding parts)
Weight with Battery + SD	Approx. 194g / 6.8 oz (including battery and SD memory card)
Weight (body)	Approx. 173g / 6.1 oz (without battery and SD memory card)