Clifton Cameras Product Specification

Pentax WG-90 Full Spec

Technical Specification

PENTAX WG-90

MODEL DESCRIPTION

Camera Type	Zoom-compact digital-still camera
Lens	5 - 25 mm F3.5(W) - F5.5(T) Approx. 28 - 140mm (in 35mm format equivalent 11 elements in 9 groups (5 aspherical elements)
Zoom Ratio	Optical Zoom: 5x Digital Zoom: approx. 7.2x Intelligent Zoom: approx. 7.5x at 7M, approx. 36x at 640 (including optical zoom)
Focus Range (From lens face)	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

IMAGE CAPTURE UNIT

Image Sensor	1/2.3" CMOS
Effective Pixels	Approx. 16 megapixels<
	16M (4608x3456 pixels) 12M 1:1 (3546x3456 pixels) 12M 16:9 (4608x2592 pixels) 7M (3072x2304 pixels) 5M 16:9 (3072x1728 pixels) 5M (2592x1944 pixels) 4M 16:9 (2592x1464 pixels) 3M (2048x1536 pixels) 2M (1600x1200 pixels) 2M 16:9 (1920x1080 pixels) 1280 (1280x960 pixels) 1024 (1024x768 pixels) 640 (640x480 pixels)
Recorded Pixels Still image / JPEG	Quality Level ★★★, ★★, ★

IMAGE CAPTURE UNIT

Recorded Pixels Movie	1920 (1920x1080), 30fps 1280 (1280x720), 30fps 1280 (1280x720), 60fps 1280 (1280x720), 120fps
Sensitivity **(Standard output)**	AUTO, Manual (ISO 125 - 6400)
Motion Blur Reduction	Still: Pixel Track SR Hi-sensitivity anti-shake mode (Digital SR) Movie Movie shake reduction mode (Movie SR)
White Balance	Auto, Daylight, Shade, Tungsten light, Fluorescent light(D:Daylight Color, N:Daylight White, W:White L
Storage Medium	Built-in Memory (approx. 68MB) SD/SDHC/SDXC Memory Card

LCD MONITOR

Monitor Type	2.7" Wide LCD, approx. 230K dots, AR Coating (Cover only)

EXPOSURE CONTROL

Metering System	Multi-segment metering, Center-weighted metering, Spot metering
EV Compensation	± 2EV (1/3EV steps)
Shutter Speed	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, High Speed Movie, Digital Microscope, Landscape, Flo Interval Shot, Interval Movie, Surf & Snow, Kids, Pet, Sport, Night Scene, Night Scene Portrait, Fireworks, Food, D

FUNCTION

Face detection	Face Detection AF&AE is available for all modes up to 32 faces. Smile Capture, Self-portrait Assist, Self-portrait Assist +
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 Contrast, Starburst, Soft, Fish-eye, Brightness, Miniature, HDR Filter, Original Frame, Movie Edit, Red-eye Edit, Resize, Screen
Drive Modes	One shot, Selftimer, Continuous Shooting, Burst Shooting, Remote Control, Auto Bracketing

FUNCTION

Languages	English, French, Germany, Spanish, Portuguese, Italy, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hung Simplified Chinese, Traditional Chinese

BUILT-IN FLASH

Modes	Flash-on and Flash-off modes. "Red-eye" compensation function employs a pre-discharge
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)

OPERATING ENVIRONMENT

Water proof / Dustproof	Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilitie

POWER SUPPLY

Power Source	Rechargeable Battery D-LI92
Battery life	Still[1]: approx. 300 shots (Rechargeable Battery) Playback[2]: approx. 260 min. (Rechargeable Battery) [1] Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performanc [2] According to the result of RICOH in-house testing.

INTERFACES

Connection Port	USB2.0(Type-C), HDMI output terminal(Type D)

DIMENSIONS AND WEIGHT

Dimensions	Approx. 122.5 (W)x61.5 (H)x29.5 (D)mm /4.8 (W)x2.4 (H)x1.2 (D) inches (excluding operating and protruding parts)
Weight	Approx. 194g / 6.8 oz. (Included dedicated battery and SD memory card)

SYSTEM REQUIREMENTS

Windows®	Windows® 8.1, Windows® 10, Windows® 11
Macintosh	macOS 10.15 Catalina, macOS 11.0 Big Sur, macOS 12 Monterey

*Supported OS must be pre-installed in PC and updated to the latest version. USB port must be standard equipped.

INCLUDED ACCESSORIES

Rechargeable Li-Ion Battery D-LI92 – Art. No. 39800
Power Adapter
Power Plug
USB Cable USB 157 – Art. No. 37019
Carabiner Strap O-ST104 – Art. No. 39857
Macro Stand O-MS1 – Art. No. 39004

OPTIONAL ACCESSORIES

Rechargeable Li-Ion Battery D-LI92 – Art. No. 39800
Protector Jacket O-CC1252 – Art. No. 39986
Remote Control O-RC1 – Art. No. 39892

ARTICLE CODES

PENTAX WG-90 BLACK – Art. No. 02135
PENTAX WG-90 BLUE – Art. No. 02144

MARKET LAUNCH

November 2023

STORAGE CAPACITY

STILL IMAGE

	16M		
Recorded Pixels	4:3 (5184x3888 pixels)		
Quality Level	★★★	★★	★
Built-in Memory	13	23	38
4GB	727	1284	2117
8GB	1479	2613	4309
16GB	2977	5257	8670

MOVIE RECORDING

	1920 (1920x1080) 30fps（hh:mm:ss)
Built-in Memory	00:00:34
4GB	00:33:29
8GB	01:08:11
16GB	02:17:14

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