

Pentax WG-1000 Camera Specification

[Pentax WG-1000 Camera](#)

CAMERA TYPE	Zoom-Compact digital-still cameras
LENS	
Construction	PENTAX lens, 7 elements in 7 groups
Focal Length	4.9 - 19.6mm (Approx. 27 - 108mm in 35mm format equivalent)
Maximum Aperture	F3.0(W) - F6.6(T)
Zoom Ratio	Optical Zoom: 4x Digital Zoom: approx. 6x
Focal length (Macro)	4.9mm
Maximum Magnification	Approx. 0.087 x
IMAGE CAPTURE UNIT	
Image Sensor	1/2.3" CMOS Total: approx. 16.76 megapixels Effective: approx. 16.35 megapixels
Still image:	JPEG (conforms to Exif 2.3) (Not compatible with PRINT Image Matching III) <4:3> 16M(4608 x 3456), 10M(3648 x 2736), 5M(2592 x 1944), 3M(2048 x 1536), 2M(1600 x 1200), 1M(1280 x 960), VGA(640 x 480)
File Format /	<3:2> 14M (4608 x 3072)
Recorded Pixels	<16:9> 12M(4608 x 2592), 2M(1920 x 1080) <ul style="list-style-type: none"> • 2M and 1M are available only in the CALS mode. • In the CALS mode, the aspect ratio is fixed to 4:3. Quality Level ★★★, ★★, ★
Movie:	MOV (H.264)
File Format / Recorded Pixels	FHD (1920 x 1080) : approx. 30fps, HD (1280 x 720) : approx. 60/30fps DVD (640 x 480) : approx. 120/30fps,

Audio: File Format	48KHz, 16bit, monaural
Sensitivity (Stand. output)	AUTO, Manual (ISO 125 - 3200)
White Balance	AWB, Daylight, Cloudy, Fluorescent, Fluorescent CWF, Incandescent, Manual WB, Color Temp., Underwater
Motion Blur Reduction	Electronic SR for Still only
Noise reduction	Noise reduction processing is always on
FOCUS	
Focus type	TTL contrast detection auto focus system with AF Assist Beam 25-point Single AF / Multi AF
Focus Range (From lens face)	Standard: 0.6m - infinity / 1.97ft. - infinity (Wide) / 1m - infinity / 3.3ft. - infinity (Tele) Macro: 0.05 - infinity / 0.16ft. - infinity (Wide only)
Face Detection	Face Detection is available for up to 12 faces. Detects smiles and blinks.
EXPOSURE CONTROL	
Metering System	AIAE, Center, Spot
EV Compensation	± 3EV (1/3EV steps)
Shutter Speed	1/2000 - 4sec. (Manual 30sec.)
Capture modes	Auto Mode (Auto, Landscape, Portrait, Backlit Portrait, Night Portrait, Night Landscape, Macro), Program AE ,Manual Mode, Movie Mode, Scene Mode, Underwater Mode, CALS Mode
Scene Modes	Portrait, Landscape, Sport, Beach, Sunset, Fireworks, Night Landscape, Snow, Children, Panorama Mode, Glass, Anti-shake, Panning Shot, Night-Portrait, Party, Indoor, Leaf, Museum
BUILT-IN FLASH	
Modes	Force Off, Flash Auto, Fill Flash, Slow Sync., Slow Sync. +Red-Eye, Red-Eye Reduction
Flash Range	Wide: approx. 0.3 - 5.2m / 0.98 - 17 ft. (ISO Auto) Tele: approx. 1.0 - 2.4m / 3.28 - 7.87ft. (ISO Auto)
LCD MONITOR	
Display Type	TFT color 2.7" LCD, approx. 230K dots, HD-Coating (Cover only)

MEMORY	
Storage Media	Built-in Memory (approx. 29MB) SD/SDHC/SDXC Memory Card
FUNCTION	
Drive Modes	Single, Continuous Shot, Continuous Shot-High Speed (VGA) , Continuous Shot-Fast (4M), Time-Lapse 30sec, Time Lapse 1min, Time-Lapse 5min, Time-Lapse 10min,
Self- timer count	2sec, 10sec, Self-Timer Smile *Self-timer is in dedicated mode
Start-up Time	Approx. 2.0 sec.
Release Time Lag	Approx. 0.06sec.
Continuous shooting	Approx. 1.42 frames/sec.
Max. frames at conti. Shooting	Approx. 6 frame (When set to 16M)
High speed continuous shooting	Approx. 30 fps, 4M(4:3): up to 50 frames, Approx. 60fps, VGA(4:3): up to 120 frames
Playback functions	One Shot, Index (9 thumb nails, 16 thumb nails), Enlargement (up to 8X, scroll available), Movie Playback,
Playback modes	Slideshow, HDR, Rotate, Red-eye Reduction, Resize, *Color (19types) , Trim
Digital filter	Playback only - Vivid, Japan Style, Italian Style, French Style, Punk, Black and White, Sepia, Partial Color-Red, Partial Color-Blue, Partial Color-Yellow, Partial Color-Green, Negative, Dreamy, Vignetting, Salon, Fish Eye, Reflection, 4Grids Stylish
Languages	Traditional Chinese, Simplified Chinese, Japanese, Korean, English, French, Spanish, Portuguese, Italy, Germany, Russian, Swedish, Danish, Indonesian, Norwegian, Hungarian, Greek, Polish, Vietnamese, Thai, Dutch, Turkey, Czech, Croatian, Hindi, Arabic,
Date Imprint	Date Imprint Available (Date, Time, Date & time) (except Green)
OPERATING ENVIRONMENT	

Water proof / Dustproof	Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilities- Waterproof - Up to 15m up to 1 hour- Impact resistance from a height of 2m- Operating Temperature 0°C to 40°C
POWER SUPPLY	
Power Source	Rechargeable Battery D-LI96
Battery life	Still*1: Approx 300 shots Playback*2: approx. 150 min. *1 Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary depending on operating conditions. *2 According to the result of RICOH in-house testing.
Charging	internal, (USB Type-C), approx. 150 min.
INTERFACES	
Connection Port	USB2.0 (Type C), HDMI output terminal (Type D)
Dimensions And Weight	
Dimensions	Approx. 116 (W) x 68.5 (H) x 50.5 (D)mm /4.6 (W) x 2.7 (H) x 2.0 (D) inches (including lens depth)
Weight	Approx. 220g / 7.87 oz. (Included dedicated battery and SD memory card),Approx. 200g / 7.1 oz.(Body only)