



Ex-Proof Digital Camera

Model No. SE-02-011 EDC

Product Description:

Introducing the explosion-proof digital camera - a compact, rugged solution designed for hazardous environments. With 5x optical zoom, exceptional low-light performance, and compliance with ATEX regulations, it captures crystal-clear images. Perfect for industrial settings, this camera ensures safety, durability, and precision in extreme conditions.

Product Features:

- ☐ Suitable for ATEX Zone 2
- ☐ Tough, Lightweight Camera Chassis
- ☐ SX Optical Wide-Angle Zoom Lens
- ☐ Digital Microscope Mode
- ☐ 6 LED Ring Light
- ☐ Movie SR+; Movie Shake Reduction
- ☐ Splash-Proof Housing (IP66)
- ☐ II 3G Ex h ic IIC, 118, IIA T4 Ge



Product Specifications:

Explosion Safety Specifications (ATEX)

EU Directive	2014/34/EU (ATEX114)
ATEX marking gas	II 3G Ex h ic IIC T4 Ge
ATEX Zone	2 (3G)
Applied standards	EN 60079-0:2012 +A11 :2013 EN 60079-11:2012 EN ISO 80079-36:2016

Lens	Name	RICOH lens, 11 elements in 9 groups (5 aspherical elements)
	Focal Length	5 - 25 mm
	In 35mm format equivalent	Approx. 28 - 140mm
	Maximum Aperture	F3.5(W) - F5.5(T)
Zoom	Optical Zoom	5X
	Digital Zoom	approx. 8.1X
	Intelligent zoom	approx. 7X at 10M, approx. 40.5X at 640 (including optical zoom)

Motion Blur Reduction	Still	Pixel Track SR Still Hi-sensitivity anti-shake mode (Digital SR)
	Movie	Movie shake reduction mode (Movie SR, Movie SR+)
Focus	Type	9-point AF, Spot AF, Auto tracking AF
	Focus range {from lens}	Standard: 0.5m - infinity 11.64ft.-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 Effective pixels	Approx. 20 megapixels	
Image Sensor	1/2.3" CMOS	
Sensitivity	Standard output sensitivity: AUTO, Manual (ISO 1 2 5 - 6400)	
Number of Recorded pixels	Still	Size: L(20M), M(10), S(5M), XS(3M), 2M, 1 M, VGA • () in aspect 4:3. • 2M and 1 M are available only in the CALS mode. Aspect: 4:3, 3:2, 1:1 In the CALS mode, the aspect ratio is fixed to 4:3
	Movie	4K, 1920, 1280
Display	Type	3.0" (aspect ratio 3:2) LCD, approx. 1040K dots, AR Coating(Cover only)
	Adjustments	Brightness, Outdoor View Setting: ± 2 Steps
Exposure Contro	Metering System	Multi-segment metering, Center- weighted metering, Spot metering
	Exposure Compensation	± 2 EV (1/3EV steps)
White Balance	Auto, Daylight, Shade, Cloudy, Tungsten light, Fluorescent light(D:Daylight Color, N: Daylight White, W: White Light, L: Warm White), Ring light, Manual	
Scene modes	Auto Picture, Program, HOR, 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, Fireworks, Digital SR, Report, Green, Depth of field composition	
Face Detection	Face Detection AF&AE is available for all modes up to 30 faces. Smile Capture, Self portrait Assist, Selfportrait Assist+ Smile Capture, Blink Detectio	
Pet Detection	Standard output sensitivity: AUTO, Manual (ISO 1 2 5 - 6400)	
Playback Modes	Slideshow, Image Rotation, Small Face Filter, Ink Rubbing Filter, Digital Filter(B&W / Sepia, Toy Camera, Retro, Color, Extract Color, Color Playback Emphasis, High Contrast, Starburst, Soft, Fishmodes eye, Brightness, Miniature), HDR Filter, Movie Edit, Red-eye Edit, Resize, Cropping, Image Copy, Protect, Start-up Screen, Recover File, Auto Image Rotation	

Shutter speed	1/4000- 1/4sec.(Mechanical and electronic shutter), 4sec at most. (Night Scene mode setting)
Drive Modes	One shot, Self-timer, Continuous Shooting, Burst Shooting, M Continuous, S Continuous, Remote Control, Auto Bracketing
Storage Media	Built-in Memory (approx. 27MB), SD/SDHC/SDXC Memory Card, FlashAir™ Card
Power Source	Rechargeable Battery DB-110, AC Adapter Kit K-AC166(Optional)
Battery life	Still*1: approx. 340 shots (Rechargeable Battery) Playback*2: approx. 260 min. (Rechargeable Battery)
Interfaces	USB3.0(Type-C), HDMI output terminal(Type D)
Water proof /Dust Proof	Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilities
Dimensions	Approx. 118.2 (W)x65.5 (H)x33.1 (D)mm /4.7 (W) x2.6 (H)x1 .3 (D) inches (including lens depth)
Weight	Approx. 246g / 8.6 oz. (Included dedicated battery and SD memory card), Approx. 219g / 7.7 oz.(Body only)
Included accessories	Rechargeable Battery DB-110, USB Power Adapter, Power Plug, USB Cable I-USB173, Hand Strap
Languages	English, French, Germany, Spanish, Portuguese, Italy, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkey, Greek, Russian,Thai, Korean, Simplified Chinese, Traditional Chinese
GPS	<ul style="list-style-type: none"> • GPS, GLONASS, QZSS+ SBAS • GPS display mode: LAT/LON, UTM, MGRS • GPS log, GPS lock, GPS time adjustment, GPS data imprint, UTC data imprint
Electronic Compass	Compass heading: Cardinal, Degrees, Cardinal/ Degrees Declination, Compass data imprint



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