

# CAMERA EX ZONE 2/22

## ARMADEX EX-M OZC 3

The Ex-M OZC 3 camera is a rugged digital camera approved for use in Zone 2 explosion hazard areas (Gas, 3G), ideal for demanding environments such as oil rigs and industrial plants. The camera has a wide-angle lens with 4x zoom, allowing you to take pictures from a distance of 1 cm and in low light thanks to an LED. Weighing 249 g, it takes 340 pictures on a single charge and offers GPS, temperature and altitude sensors, and an anti-fog lens.

### Advantages:

- Designed for use in Zone 2
- Durable, lightweight housing
- Wide-angle lens with 5x optical zoom
- IP66 protection rating
- Digital microscope mode
- Flash with 6 LEDs
- Movie SR+; vibration reduction during filming



### ATEX:

II 3G Ex h ic IIC T6 Gc  
II 3D Ex ic IIIB T135°C Dc

Ex ic IIC T4 Gc  
Ex ic IIIB T135°C Dc

The Ex-M OZC 3 camera is the only explosion-proof camera with a 4x optical zoom. Designed for use in ATEX Zone 2 (Gas) environments, it combines compact durability with high functionality. It can withstand drops from heights of up to 2.1 m, operates at temperatures as low as -10 degrees Celsius, and is dustproof.

The OZC 3 is a modified version of the TG-7 model, developed in collaboration with OM System.

The camera is ideal for hazardous locations, offering special modes for low-light and dusty environments (construction mode), as well as a mode for clear label photography. Ideal for maintenance and inspection tasks, it is designed with precision and safety in mind.

Note: In accordance with ATEX regulations, the xenon flash must be deactivated, but the LED lamp remains active, ensuring visibility and functionality.

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### Technical features:

<b>Lenses</b>	25-100 mm (35 mm equivalent) - 4x optical zoom; F2.0 (W) - F4.9 (T) Super macro: below f=5.4mm, from 0.1m to 0.3m / above 5.4mm, from 0.01m to 0.3m Microscope: 0.01m - 0.30m	
<b>One Push / Teleconverter</b>	x2 (P, A, movie mode), x2/x4 (microscope mode)	
<b>Motion blur reduction feature</b>	Photo	Pixel Track SR High-sensitivity vibration reduction (Digital SR)
	Film	Vibration reduction in movies (Movie SR, Movie SR+)
<b>Image stabilization:</b>	Image stabilization with sensor shift	
<b>Dimension</b>	3.0", approx. 1,037,000 dots (3:2)	
<b>ISO:</b>	100 - 12 800	
<b>Shutter speed:</b>	1/2 - 1/2000 s (A mode: up to 4 s)	
<b>Photo recording:</b>	JPEG, RAW (12-bit lossless compression) JPEG+RAW [RAW] 4000 x 3000 [JPEG] 4000 x 3000 ~ 1280 x 960	
<b>Sequential recording:</b>	[H continuous shooting]*: approx. 20 fps with a choice of 10/20 fps [L continuous shooting]: approx. 5 fps [Pro Capture]*: approx. 10 fps *Electronic shutter	
<b>Interval shooting function:</b>	Live Composite, Artistic Filters, HDR, Underwater Modes, Macro Modes, Construction Mode	
<b>Video:</b>	3840 × 2160 (4K) 30p, 25p / IPB (approx. 102Mbps) 1920 × 1080 (FHD) / 60p, 50p, 30p, 25p / IPB (approx. 52Mbps, approx. 30Mbps, approx. 18Mbps) 1280 × 720 (HD) / 30p, 25p / IPB (approx. 26Mbps, approx. 14Mbps, approx. 10Mbps) *The frame rate may drop when certain artistic filters and movie effects are used.	
<b>Strength:</b>	Waterproof to a depth of 15 m / 50 ft - IPX8 Dustproof - IP6X Freeze proof to -14°C / 50°F Crush proof to 220 lbf / 100 kgf Shock proof from 7 ft / 2.1 m Fog proof double lens cover	
<b>GPS / Terrain sensor system:</b>	GPS (GLONASS, Galileo, QZSS), compass, pressure gauge, temperature sensor, acceleration sensor	
<b>Creative features:</b>	Live Composite, Artistic Filters, HDR, Underwater Modes, Macro Modes, Construction Mode	
<b>Communication:</b>	USB Type-C Micro HDMI (Type D) Built-in Wi-Fi (IEEE 802.11b/g/n) Built-in Bluetooth (version 4.2 Bluetooth Low Energy)	

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Display	Type	3.0" (3:2 aspect ratio) LCD, approx. 1,040,000 dots, AR coating (cover only)
	Adjustment	brightness, external view setting: $\pm 2$ steps
Exposure control	Measurement	Multi-segment measurement, center-weighted measurement, spot measurement
	Exposure correction	$\pm 2$ EV (co 1/3EV)
Available modes	Auto shot, HDR mode, handheld night shot, movie, high-speed movie, digital microscope, landscape, flowers, portrait, underwater, underwater movie, time lapse, time lapse movie, surfing and snow, children, animals, sports, night scene, fireworks, digital SR, reportage, greenery, depth of field composition.	
Face detection	AF&AE face detection is available for all modes for up to 30 faces. Smile shot, self-portrait assistant, self-portrait assistant + smile shot, blink detection.	
Playback modes	Slideshow, image rotation, digital filter (black and white/sepia, toy camera, retro, color, color extraction, color emphasis, high contrast, starburst, soft, fisheye, brightness, miniature), HDR, movie editing, red-eye editing, resizing, cropping, protection, start screen, file recovery, automatic image rotation.	
Shutter speed	1/4000-1/4 sec. (mechanical and electronic shutter), maximum 4 sec. (Night scene setting)	
Write mode	Single shot, self-timer, continuous shooting, continuous shooting M, continuous shooting S, remote control, automatic bracketing	
Media memory	Built-in memory (approx. 27 MB), SD/SDHC/SDXC memory card, FlashAir card	
Power supply	LI-92B Li-ion battery	
Battery life	Photos: approx. 340 photos (battery)	
Interfaces	USB typu C; Micro HDMI (typ D); Wbudowane Wi-Fi (IEEE 802.11b/g/n); Wbudowany Bluetooth (wersja 4.2 Bluetooth Low Energy)	
Water resistance/Dust resistance	Waterproof to a depth of 15 m / 50 ft - IPX8 Dustproof - IP6X Temperature resistance: down to -10°C Crush resistance: 100 kgf Shock resistance: from 2.1 m Anti-fog double lens	
Dimensions	113.9 mm x 65.8 mm x 32.7 mm	
Weight	Approx. 249 g (including dedicated battery and SD memory card)	
Included	Rechargeable battery, USB power adapter, power plug, USB cable I-USB173	