

# Puffin



Models shown here: Zoom 015-010-IP-ZM and AI Smart 015-003-IP-4K

(Somewhat) larger package, loads more power. Whether your deployment involves a mid-sized ROV, a USV (overboard camera), or a simple standalone inspection, some missions call for nothing less than the Puffin. This camera boasts all the capabilities of the Auk, with the option to include four

integrated LED lights. As remarkably simple and durable as any Reach camera system, the Puffin is rated for operation at depths of up to 300 meters. Optional versions offer optical zoom, 4K resolution, and AI recognition capabilities.

## SPECIFICATIONS

Model	015-003-IP-LD	Zoom 015-010-IP-ZM	Smart 015-003-IP-4K
Depth Rating	300 m		
Connector	MCBHM6		
Material	6061-T6 Aluminum		
Resolution	1920 × 1080p	1920 × 1080p	4608 × 2592p 11.9 megapixels
Video Format	H.264, MJPEG (Duplex Streaming)	H.265/H264	H.265/H264
Sensitivity (min.)	0.1 Lux	0.001 Lux	0.01 Lux
HFOV (in air)	145°	62.7–7.6° (wide-tele)	102°
Diameter	60 mm	Ø 72mm	60 mm
Length (without connector)	154 mm (118 mm)	142.6 mm (106.6 mm)	154 mm
Weight (in air)	~0.65 Kg	~0.3 Kg	~0.8 Kg
Power	12V DC @ < 8 W	12V DC @ < 4 W	15–32 VDC @ up to 15 W
Focal Length	2.5 mm	4.8–48 mm, 10× Optical Zoom	2.75 mm
Aperture Range	F2.5	F1.7–F3.1	F2.2
Focus Mode	Manual (fixed)	Auto / One step / Manual / Semi-Auto	Auto or Manual
Lights	Cool daylight (7000K); variable intensity	N/A	750 lm, Cool daylight (7000K) color