REACH SYSTEMS

Your equipment, next level. Easy.

Artemis Cameras

Visual Innovation, Visible Value.

Elevate Equipment. Easy.

Shown here
015-001-IP

Reach Systems *Artemis Cameras* are designed as compact modules to support a range of applications, including remote inspections, permanent installations, and personnel safety & monitoring. They can also operate as part of a remote robotic inspection system. Simple, durable, and reliable, these camera units offer high-resolution H.264 and MJPEG video streaming over a 10/100 Base TX Ethernet network connection. All Artemis cameras provide excellent low-light performance and a wide field of view, making them ideal for mounting on robotic systems, as stand-alone cameras for confined space operations, or as part of an inspection and monitoring system for subsea applications.

Our smallest camera is the *Artemis-Auk*. At less than 32 mm in diameter and 122 mm long, the Auk is rated for operation up to 2,000 meters underwater — making it perfect for attaching to inspection class ROVs to provide HD auxiliary video or, when combined with a separate LED light, creating a complete commercial diver camera package.

The larger Artemis-Puffin, at 60 mm in diameter, offers all the same features as the Auk, with four (4) LED light modules built into the camera housing. With a depth rating of 300 meters, it is an excellent option for smaller ROVs, USV deployment (overboard camera), or simple stand-alone inspections.

For more demanding inspection applications, the Artemis-Heron is an industrial Pan-Tilt-Zoom (PTZ) video camera system for use above or below the waterline, across a range of applications and industries. The standard system offers full 1080p resolution, with 360° continuous pan, 270° tilt, variable intensity LED lighting, 10× optical zoom and a 50-meter depth rating. At only 100 mm diameter, it can fit into extremely small spaces, without sacrificing any capabilities. Plus, with on-demand advanced features like Wide Dynamic Range (WDR), image stabilization* and defog, it is ideal for almost any remote inspection requirement.

Applications include:

• Confined space or underwater inspections

• Pipe, caisson and tank inspection

• Foreign object search and retrieval

• Reactor vessel inspection

• Robotics and remote tooling

• ROV integration

Every Reach Systems IP camera is available with our viewing and control software, providing access to advanced features like defog and Wide Dynamic Range (WDR).
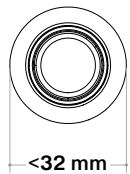
*Requires upgrade

Artemis Cameras

Auk

122 mm

<32 mm

133 mm

Don't let its size fool you. With a diameter of just 32 mm and a length of 122 mm, the *Artemis-Auk* delivers exceptional quality and performance under even the most challenging remote monitoring & inspection conditions — in the air, on the ground, and up to 2,000 meters underwater. Robust and reliable, it attaches to your inspection class ROVs to provide HD auxiliary video, or combines with a separate LED light to create a complete commercial diver camera package.

SPECIFICATIONS

Resolution

1920 × 1080p

Video Format

H.264, MJPEG
(Duplex Streaming)

Sensitivity (min.)

0.1 Lux

HFOV (in air)

145°

Depth rating

2,000 m

Diameter

< 32 mm

Length
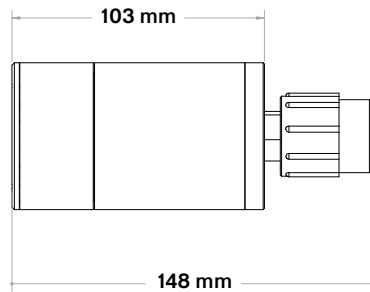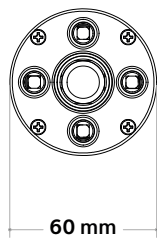
122 mm
 (without connector)

Weight (in air)

~0.3 Kg

Puffin

103 mm

60 mm

148 mm

(Somewhat) larger package, loads more power. Whether your deployment involves a mid-sized ROV, a USV (overboard camera), or a simple stand-alone inspection, some missions call for nothing less than the *Artemis-Puffin*. At 60 mm in diameter, the Puffin boasts all the capabilities of the Auk, with the addition of four (4) built-in LED light modules. As remarkably simple and durable as any Reach camera system, the Puffin is rated for operation at depths of up to 300 meters.

SPECIFICATIONS

Resolution

1920 × 1080p

Video Format

H.264, MJPEG
(Duplex Streaming)

Sensitivity (min.)

0.1 Lux

Lights

Neutral-white (4000K);
variable intensity

HFOV (in air)

145°

Depth rating

300 m

Diameter

60 mm

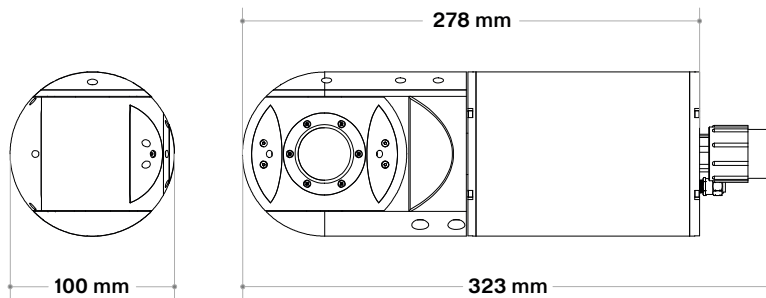**Length**

103 mm
(without connector)

Weight (in air)

~0.65 Kg

Heron

Model 018-000-AL

278 mm

100 mm

323 mm

Demanding applications require industrial-strength solutions. Meet the *Artemis-Heron*: full 1080p resolution within a complete PTZ system — 360° continuous pan, 270° tilt, variable intensity LED lighting, 10× optical zoom — all at just 100 mm in diameter! Rated for use to 50 meters below the waterline, the Heron fits into extremely small spaces, without compromising on capabilities or performance. Plus, on-demand advanced features like Wide Dynamic Range (WDR), image stabilization* and defog make it ideal for nearly any remote inspection mission.

*Requires upgrade

SPECIFICATIONS

Resolution

1920 × 1080p

Video Format

H.264

Sensitivity (min.)

0.01 Lux

Zoom

10× optical (4.8−48mm)

Lights

Neutral-white (4000K); variable intensity

Pan

360° continuous

Tilt

270°

HFOV (in air)

62.7°−7.6°

Control

RS485/Pelco-D

Depth rating

50 m

Diameter

100 mm

Length

278 mm (without connector)

Weight (in air)

3.5kg