

## 360° Total Vision Underwater PTZ Camera

**Ultimate 360° Underwater Vision | Low-Light Compensation.**

### Product Features

- **360° Dual-Axis PTZ:** Switch between Auto-Patrol and Remote Control.
- **Adjustable Fill Lights:** Full-angle illumination for low-light/murky water.
- **Open SDK:** Supports C++, Java, C#, and Python for secondary development.

### Application Scenarios

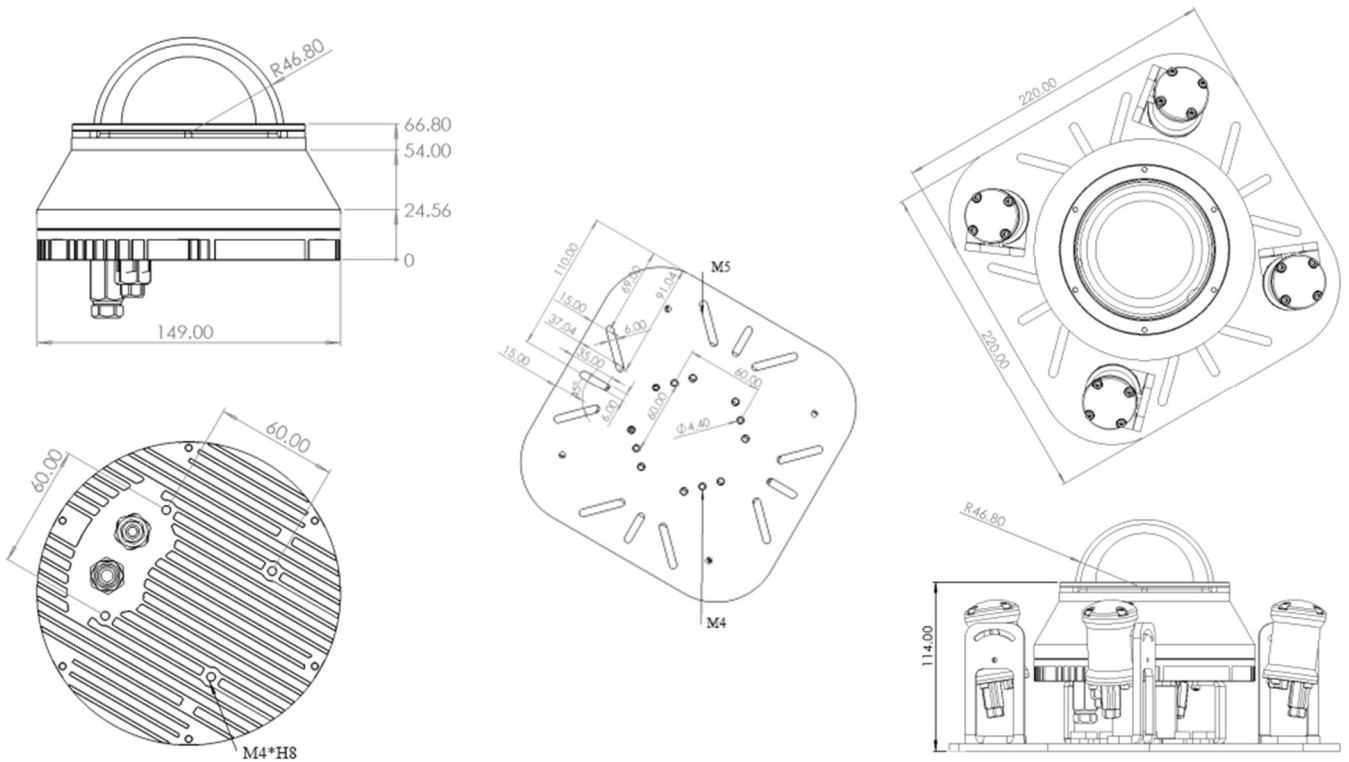
- Underwater Monitoring for Marine Protected Areas (MPAs)
- Stationary Surveillance of Subsea Structures and Fixed Facilities
- Integration with Mobile Platforms (ROVs, AUVs, and USVs)



### Basic Specs

Depth Rating	300m
Weight in Air   Water	2.0   1.1kg
Camera Model	DH-SD23D404-DP
Camera Type	PTZ Camera
Image Sensor	4MP 1/2.8" CMOS Sensor Sony STARVIS™
Resolution	2560*1440 Resolution
Min. Illumination	Color: 0.005lux@F1.6; B/W: 0.0005lux@F1.6
Pan/Tilt Range	Pan: 355°, Tilt: -5°~90°, no blind spots
Zoom	4x Optical Zoom, 16x Digital Zoom Focal Length: 2.8mm~11.2mm
Underwater Lighting (Optional)	1500LM * 4 adjustable pitch underwater lights + mounting bracket
Interface	Ethernet
Input Voltage	110VAC~220VAC or 12VDC ±10%
Power	Camera only: MAX 10W; Camera + 4 lights: MAX 60W
Cable	Seawater-resistant cable, 10m standard, up to 70m
Packing List	Underwater PTZ Camera *1, AC/DC Power Module *1 Underwater Lights *4 (Optional), Mounting Bracket (Optional)
Development	OpenCV / C++ / Java / C# / Python

## Main Dimensions

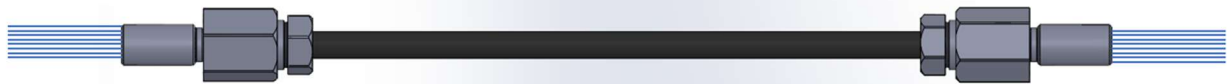


- Product specifications are subject to change without further notice. Please refer to our official website for latest information.

## Wiring Instructions

Camera Pressure Housing

Main Control Housing



Camera Bulkhead Connector Wiring Diagram

Grey	GND
Grey/ White	+12VDC (LED Lighting Power)
Blue	GND
Blue/White	+12VDC (Camera Power)
Green	Rx-
Green/White	Rx+
Orange	Tx-
Orange/White	Tx+