

# HydroCam Camera

CAMERA FOR REMOTE VISUAL SITE INSPECTION

## Highlights

- Takes periodic snapshots of monitoring sites for remote inspection
- Easier detection of natural monitoring obstacles
- Included IR reflector for night mode and switchable day/night filter
- Remotely controllable zoom/focus lens
- Wide temperature operational range -20 °C to +60 °C

## Applications

- Observation of hydrological monitoring site condition
- Maintenance planing
- Staff gauge monitoring
- Visual inspection of ice, sediment and pollutants
- Visual control for waste water treatment plants

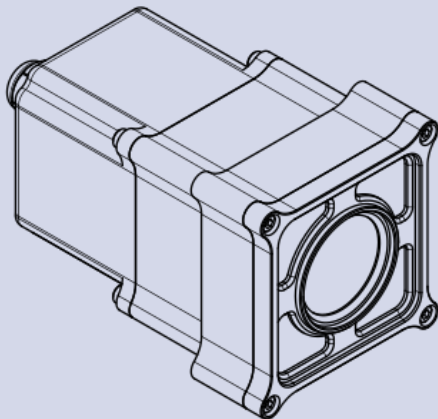
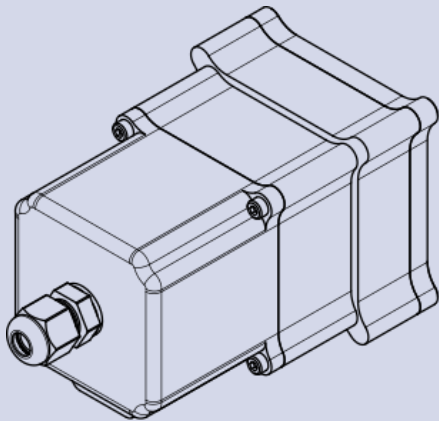
## Product Description

The Geolux HydroCam is a monitoring camera specifically designed for remote visual observation of the hydrological monitoring site. Versatile communication interfaces (RS-232, RS-485, CAN, SDI-12, Ethernet) enable easy integration with Geolux or third-party dataloggers.

Integrated switchable day/night filters and a high-quality motorized zoom/focus lens enable the Geolux HydroCam to withstand wide temperature ranges and operation in almost any environmental monitoring application.



## Detailed Specifications



<b>Sensor</b>	CMOS 5Mpix 1/4"
<b>Image Resolution</b>	2592x1944 (Default), 2048x1536, 1920x1080, 1600x1200, 1280x960, 1024x768, 800x600, 640x480, 320x240, 160x120
<b>Image Compression</b>	JPEG
<b>Optics</b>	Motorized zoom and focus
<b>Focal Length</b>	6 mm to 22 mm
<b>Field of View</b>	46.4° to 16.3°
<b>Minimum Illumination</b>	0.1 lux
<b>IR-Cut Filter</b>	650 nm
<b>Data Transfer</b>	RS-232, CAN, Ethernet
<b>Camera Control</b>	RS-232, CAN, Ethernet, SDI-12, Modbus
<b>Input Voltage</b>	9 to 27 VDC
<b>Current Consumption</b>	75 mA (Typical), 150 mA (Maximal)
<b>Operating Temperature</b>	-20 °C to +60 °C
<b>Dimension</b>	150 x 70 x 110 mm
<b>Weight</b>	600 g

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