

# iRIS-CAM Camera

Security Camera for iRIS 320 Datalogger



## Description

The iRIS-CAM makes it easy for you to add a higher level of security to your water, wastewater, and remote environmental monitoring sites. The rugged and reliable iRIS-CAM camera is an accessory for the iRIS 320 SDI-12 Datalogger. It has been designed and constructed for use in harsh outdoor and industrial environments.

### External Power Supply

No internal power supply or battery is required. The iRIS-CAM is powered directly from the iRIS 320 via an interconnecting cable.

### Quality Imaging

The fixed-focus camera module is capable of capturing and processing full color images in one of four different resolutions. These images are stored in a compressed JPEG format for compatibility with a wide range of viewing applications. The typical size of each compressed image is around 5 to 45kb depending on the resolution and complexity of the image.

### Flexible Image Capturing

The iRIS 320 can capture images based on a schedule, an external trigger attached to one of the digital inputs (e.g. a contact switch), or trigger value(s) for any connected sensor(s).

### Heavy-Duty Enclosure

The iRIS-CAM includes a case constructed from a special corrosion-resistant aluminum alloy that is hard anodized. This gives a very high degree of mechanical strength and EMI shielding. The cable entry is through a small hole on the left side, and the electronics are potted in epoxy resin for complete waterproofing. Four holes are provided for secure mounting.

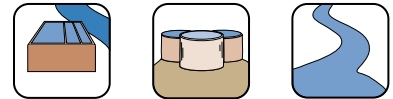
### Simple Setup and Deployment

The iRIS-CAM includes a PC-based utility for final setup of the camera before it is connected to the iRIS 320 and deployed. The utility allows pictures to be taken and viewed directly from a laptop or PC.

## Features

- Low power
- Fully weather sealed
- Images easily retrieved from host datalogger
- Cost effective

## Applications



Ideal for adding security to your water, wastewater, and remote environmental monitoring sites.

## Specifications

Resolution	Selectable 80x60, 160x120, 320x240 or 640x480 pixels, 24 bit color
Lens	F2.8, focal length 4mm, integral IR filter
Power Supply	3.3VDC $\pm$ 10% (powered via cable)
Operating Temperature	-10°C to +70°C (14°F to +158°F)
Storage Temperature	-10°C to +85°C (14°F to +185°F)
Enclosure	Sealed to IP67
Dimensions	4.60 x 6.37 x 2.64" (116 x 162 x 65mm)
Weight	10.6oz (300g) including cable

## Ordering & Options

Order No.	Description	Price
iRIS-CAM	Security Camera for iRIS 320 SDI-12 Datalogger	\$500.00



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