

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.

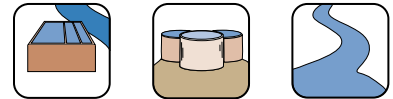
Simple Setup and Deployment

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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