



SmarterCam IR

High Resolution Infrared Camera

SmarterCam™ IR is an analog video camera offering high resolution images and a 180° view. Designed for outdoor security applications, it enables night viewing with active infrared.

SmarterCam IR

SmarterCam IR is the perfect camera technology to deal with all the issues that arise when a security camera needs to function outdoors. SmarterCam IR is able to see in low light and total darkness, has a 2.5-9 mm vari-focal lens to allow for viewing at different focal lengths, and is able to withstand temperature extremes.

The integrated active infrared automatically responds to low light conditions to provide nighttime viewing with a range of up to 150 feet in little or no light. SmarterCam IR provides high resolution color images during the day and black and white infrared at night.

SmarterCam IR works with standard DVR technology and has software drivers available for integration with SmarterDVR™ software.

Application Example

A city is having problems with illegal dumping in a remote area. The city manager wants to set up a security solution to catch the perpetrators, but trenching for wires is too time consuming because of challenging terrain. The city manager would implement SmarterCam IR cameras to keep an eye on the area both day and night. The video from the cameras can be recorded and preserved with SmarterDVR technology.

Smarter Outdoor™ - Comprehensive and Intelligent Security Solutions



Key Features

- ▶ Built-in infrared up to 150 feet provides clear night vision
- ▶ Provides high resolution color images during the day
- ▶ Compatible with SmarterDVR
- ▶ Temperature-hardened
- ▶ Easily adjustable vari-focal lens

Technical Specifications

Horizontal Resolution
480 lines

Effective Pixels
510H x 582V (PAL)

Vertical Frequency
50Hz (PAL)

Pick-up Device
1/3" CCD & DSP Image Sensor

Scan System
2:1 interlace

Electronic Shutter
Up to 1/100,000 sec.

Power Supply
12V DC +/- 10%

Auto Gain Control
Auto

Infrared LED
84 LEDs

Synchronization
Internal

Signal/Noise Ratio
>48dB

Infrared LED Range
20-150 feet (6.1 m - 45.7 m)

Lens
2.5-9 mm Auto Iris Lens

Video Output
1Vp-p, 75 Ohms

Power Consumption
800 mA

Waterproof Class
IP55

Operating Temperature
14°F - 122°F (-10°C - 50°C)

Dimensions
Height: 5" (127 mm)
Width: 5" (127 mm)
Depth: 7.5" (191 mm)
Weight: 2.8 lbs. (1.3 kg)

Due to continuous improvements, specifications are subject to change without prior notice.