



lens not included

Low-Light, High Performance!

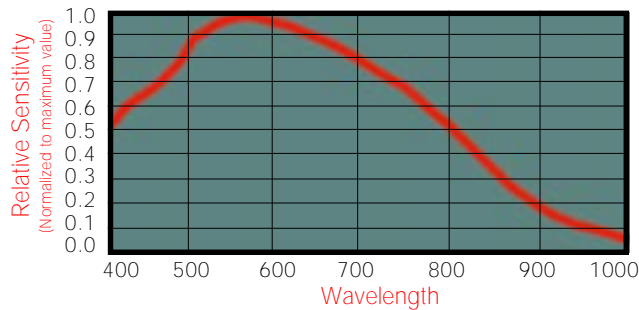
IR-SENSITIVE

The IK-64DNA provides the flexibility of controlling the IR cut filter by a dry contact or RS-422

- 0.003 lux @ 1.2 minimum illumination in B&W, 0.1 lux @ F1.2 in color
- IR-sensitive CCD with auto-switching infrared-cut filter for improved low light and infrared performance
- Intelligent 3-mode switching for Color to B&W: AUTO, RS422 remote control, and manual switching
- 570 horizontal TV lines in B&W mode
- 480 horizontal TV lines color
- Simple menu-driven programming
- Remote control from a keyboard or other devices by RS422
- Up to 1/100,000 shutter speed
- 50dB Signal-to-Noise Ratio

IK-64DNA

IR Day/Night CCTV Camera



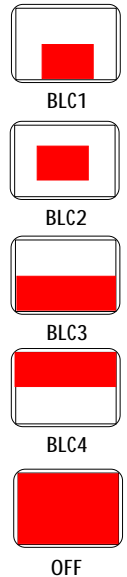
The IK-64DNA's CCD has a sensitivity to IR light in the 900 nm range, making it ideal for parking facilities, warehouses, highways and other low-light applications.

S P E C I F I C A T I O N S

- Pick-Up Element
- Effective Picture Elements
- Resolution
- Minimum Subject Illumination
- AWB Range
- Lens Mount
- Communication Port
- Backlight Compensation
- S/N Ratio
- Video Output
- Video Format
- Sync System
- Gamma Compensation
- Auto Electric Shutter
- Gain Control
- Ambient Temperature
- Camera Mounting Method
- Power Supply
- Dimensions
- Weight
- Auto-Iris Lens Support
- Day/Night Function
- Set Up Menu

1/3" IR Sensitive CCD
 768 (H) x 494 (V)
 570 TVL Horizontal in Black and White; 480 TVL Horizontal in Color
 0.003 lux @ F1.2 Black and White; 0.1 lux @ F1.2 in Color
 2,500°K to 10,000°K, Manual
 CS
 RS422 for remote control
 Four Mode BLC Function
 50dB (AGC Off, Weight On)
 VBS 1V P-P (75 Ω)
 NTSC, 2:1 Interlace
 Line-Lock/Internal
 0.45 fixed
 ON (1/60 to 1/100,000), OFF (1/60)
 Average AGC-STD (21dB), HIGH (30dB)
 14° F to 122° F, 90% Maximum Relative Humidity
 1/4-inch x 20 Threaded Hole Provided (Top and Bottom)
 AC 24V ±10%/60Hz ±1Hz, DC 12V±10%
 2.48-inch(W) x 1.97-inch(H) x 4.57-inch(D)
 21.2 ounces
 DC/Video Type
 AUTO/Manual Adjustable threshold from B/W to Color (LOW=4.5Lx, HIGH=7.5Lx)
 Day/Night Function, Shutter Speed, Gain, Sync, Backlight Compensation, Sharpness Control, White Balance, Camera Number
 UL2044, CSA
 FCC/A, DOC/A

Four Zone Backlight Compensation



Safety Standard
 Emission Standard



1 Removable IR cut filter adjusts either automatically or by dry contact closure (actual image)



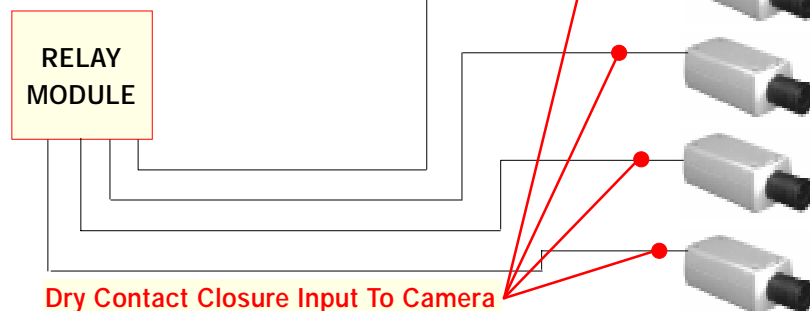
2 Camera switches to B&W in low light environment (actual image)



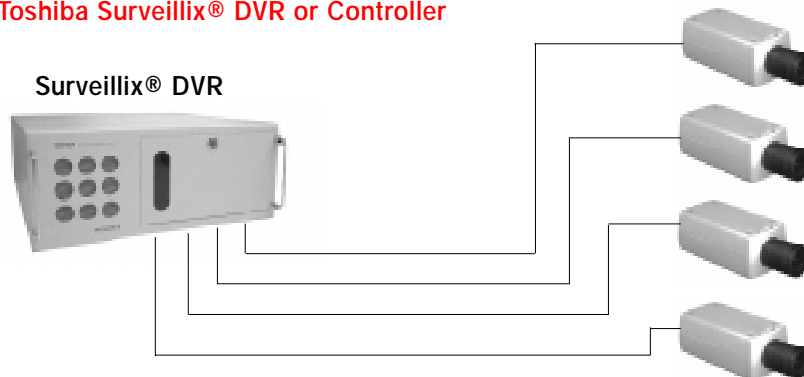
3 Add IR Illuminator to enhance the image (actual image)

CONTROL DAY/NIGHT FUNCTIONS REMOTELY

Via External Relay



Via Toshiba Surveillix® DVR or Controller



NOTE: A dry contact closure input to camera enables synchronization of D/N function to all of the cameras (all cameras will convert from B&W to color uniformly). This unique feature prevents the temporary bright objects, such as headlights, from "tricking" the camera to switch from B&W to color mode. This is a common video problem with day/night cameras.

NOTE: All camera program functions can be accessed remotely via LAN or Internet when connected to a Surveillix® DVR.