Thanks to the IK-64DNA's built-in RS422 communication port you can easily control the camera remotely from our Surveillix® DVR, controller or other compatible device

IK-64DNA
IR Day/Night Camera

- 0.003Lux@1.2 Minimum illumination in B/W, 0.1Lux@F1.2 in color
- New IR-sensitive CCD with auto-switching infrared-cut filter for incredible 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
- Simple Menu-Driven programming
- Remote control from a keyboard or other devices by RS422.
- Up to 1/100,000 speed shutter
- Plug and Play Installation into any AC24V/DC12V system

In Touch With Tomorrow
TOSHIBA

IK-64DNA
IR Day/Night Camera

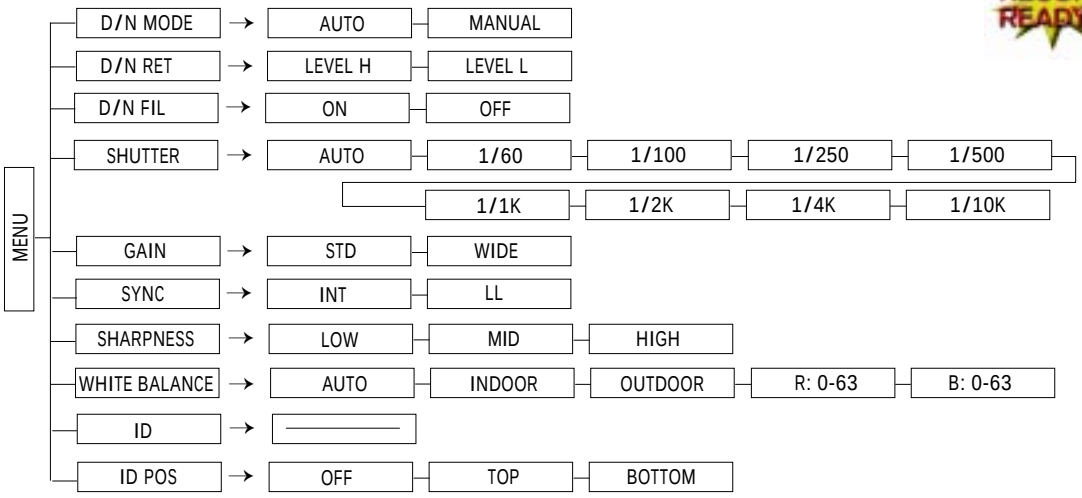
IR SENSITIVITY: The IK-64DNA's sensitivity to IR light in the 900 nm range makes it an excellent candidate for parking facilities, warehouses, highways and other low-light applications when used with an IR illuminator. It features an automatic IR Cut Filter that filters out IR light when it is used in normal daylight conditions for 24-hour performance.

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

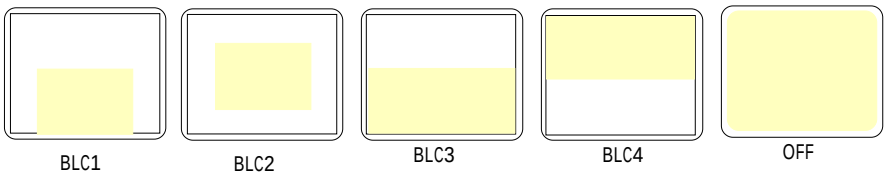
Pick-Up Element	1/3" IR Sensitive CCD
Effective Picture Elements	768 (H) x 494 (V)
Resolution	570 TVL Horizontal in Black and White; 480 TVL Horizontal in Color
Minimum Subject Illumination	0.003 Lux @ F1.2 Black and White; 0.1 Lux@F1.2 in Color
AWB Range	2,500°K to 10,000°K, Manual
Lens Mount	CS
Communication Port	RS422 for remore control
Backlight Compensation	Four Mode BLC Function
S/N Ratio	50dB (AGC Off, Weight On)
Video Output	VBS 1V P-P (75 Ω)
Video Format	NTSC, 2:1 Interlace
Sync System	Line-Lock/Internal
Gamma Compensation	0.45 fixed
Auto Electric Shutter	ON (1/60 to 1/100,000), OFF (1/60)
Gain Control	Average AGC-STD (21dB), WIDE (30dB)
Ambient Temperature	14°F to 122°F, 90% Maximum Relative Humidity
Camera Mounting Method	1/4-inch x 20 Threaded Hole Provided (Top and Bottom)
Power Supply	AC 24V ±10%/60Hz ±1Hz, DC 12V±10%
Dimensions	2.48-inch(W) x 1.97-inch(H) x 4.57-inch(D)
Weight	21.2 ounces
Auto-Iris Lens Support	DC Type
Day/Night Function	On/Off, Adjustable threshold [Low = 20-30 IRE (default), Medium = 30-40 IRE, High = 40-50IRE]
Set Up Menu	Day/Night Function, Shutter Speed, Pedestal, AGC, Sync, Backlight Compensation, Sharpness Control, White Balance, Camera Number
Safety Standard	UL2044, CSA
Emission Standard	FCC/A, DOC/A

Specifications subject to change without notice

MENU-DRIVEN SET-UP



Four Zone Backlight Compensation



DIGITAL RECORDER READY

Q: Why should I buy a Digital Recorder Ready Camera?

A: Digital video recording offers a host of critical advantages, principally in the area of image quality. However, for a Digital Video Recorder or "DVR" to maximize image quality, a clean video signal is essential. Here's why: DVRs can typically reproduce images in excess of 50dB. As such, feeding a DVR with a video signal that is 46 or 48dB is the equivalent of filling a Ferrari with cheap gas. By connecting a camera that is not 50dB or higher to a DVR you essentially waste image quality potential. Consider this example: Did you know that a DVR recording at 320x240 resolution is the equivalent of 250 - 260 lines of horizontal resolution? Yet the image quality at this resolution is typically better than that of a VCR who records at 300 lines of horizontal resolution. So then, why is the image quality better in a DVR despite reproducing lower resolution than a VCR? Because a VCR records at 42 or 43dB while the DVR records at a much higher 50dB. In this case, the superior s/n ratio of the DVR enables it to reproduce a better image despite having lower horizontal resolution.

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