

3
YEAR
WARRANTY



Take advantage of the IK-DF01A's compact one-piece design... a fully integrated indoor enclosure with camera and lens for fast and easy installations in retail, corporate, professional and other quality-sensitive CCTV application. Shipped completely assembled, it has *High Resolution plus Style* making this the mini-dome camera of choice.

- High-Tech, Attractive Styling for Retail, Corporate & Other Applications
- Compact, Simple-To-Install Design
- Advanced 1/4" CCD (768 x 494)
- Horizontal Resolution of Over 480 TV Lines
- Built-In Auto Iris Vari-focal Lens
- 50dB S/N Ratio for Digital Recording
- Internal Sync for 12V DC Power
Line Lock for 24V AC Power
- Backlight Compensation
- Minimum Illumination 0.2 Lux
- Phase Adjustment
- Mounting holes line-up with standard electrical junction boxes

IK-DF01A

Mini-Dome CCTV Camera



In Touch with Tomorrow
TOSHIBA

IK-DF01A

Mini-Dome CCTV Camera



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

Pick-Up Element	1/4" IT CCD
Effective Picture Elements	768 (H) x 494 (V)
TV System	2:1 Interlace, 15.734 KHz horizontal, 59.94Hz Vertical
S/N Ratio	50dB (TYP. AGC Off, Weight On)
Minimum Illumination	0.2 lux (More than 10% of image output, without smoked dome cover) 0.5 lux (More than 10% of image output, with smoked dome cover)
Auto Gain Control	Average AGC (24dB)
Iris Control Mode	Auto Iris Lens
White Balance	ATW
White Balance Range	2400°K - 10000°K
Line Lock Vertical Phase Adjustment	Provided (VR: range 300deg)
Compensation	0.45
Backlight Compensation	On/Off (DIP-SW)
Video Output Signal	VBS (1.0 Vp-p, 75ohm unbalance, BNC)
Mounting	Built In Lens
Dimensions	100mm x 96mm
Built-In Lens	Vari-Focal Lens, f=2.8-5.8mm, F1.4: Auto Iris
View Angle	Wide: 97.5° (D), 76.7° (H), 56.8° (V) Tele: 47.9° (D), 38.2° (H), 28.7° (V)
Focal Length	0.2m to infinity
Input Voltage	DC12V and AC24V
Synchronization System	Internal for DC or Linelock for AC
Power Consumption	Approx. 3.5W
Operating Temperature	-10°C to 50°C, 90%RH max
Storage Temperature	-20°C to 60°C, 70%RH max
UL Regulation	UL2044
FCC	Class A/DOC Class A
Accessories	Screw x 2, Manual

Q: Why should I buy a "Digital Recorder Ready" Dome 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. *Digital Recorder Ready assures maximum image quality.*

