

# SUPER HIGH RESOLUTION IN LOW LIGHT!

# IK-540A



1. Advanced Menu Driven Set-Up Is fast, easy and accurate
2. 0.015 Lux@F1.2 Sensitivity is simply the best in the business
3. EZ Backfocus adjustment makes for easy, hassle-free installations
4. Delivers ultra-sharp 570 lines of horizontal resolution for imaging excellence you can see
5. Compact size allows installation into smaller (and less expensive) housings
6. 50dB signal-to-noise ratio is ideal for digital video recording
7. Programmable Back-Light Compensation gives you FOUR user-selectable zones
8. Dynamic Range Boost increases dynamic range by 40%
9. High-speed shutter (1/60-1/100,000 sec) operates outdoors without auto-iris lenses
10. 12VDC or 24VAC operation for added versatility

For high-resolution imaging in challenging lighting conditions, there is only one choice: The Toshiba IK-540A.

This amazing camera delivers the absolute best imaging performance in low light. How good? It is documented to be up to TEN TIMES as powerful in low light than conventional monochrome cameras!

Plus, the resolution is a stunning 570 horizontal lines, so you will capture images in ultra-sharp detail, indoors or outdoors.

The IK-540A combines an advanced 1/3-inch CCD along with lightning-fast shutter speeds to assure excellent image clarity. That means there is no need for an auto iris lens for use outdoors. That saves you time and money.

Here's another huge advantage: the camera's four-mode programmable backlight compensation lets you easily target one part of the picture grid, like a cash register or an ATM, to sample light levels, resulting in brighter images where you need them most.

Need more convincing? This new camera also has Digital Recorder Ready™ technology, making it ideal for use with the newest digital recording technologies. At 50dB, the camera's signal-to-noise ratio is matched to today's digital standards – such as MPEG or MPEG2 – so your image quality will not be jeopardized during digital video compression.

The best just got better with the new IK-540A. Call your Toshiba dealer today!

## TOSHIBA

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**D**igital**R**ecorder**R**eady

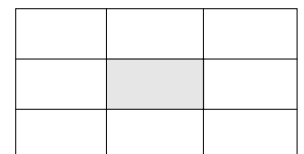
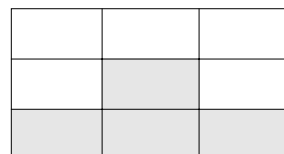
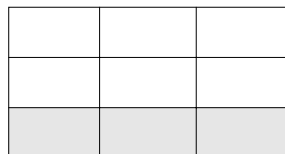
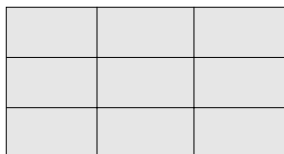
# Toshiba IK-540A Camera

## Preliminary Specifications

S P E C I F I C A T I O N S			
<b>Pick-Up Element</b>		1/3" Interline Transfer	
<b>Effective Picture Elements</b>		768 (H) x 494 (V)	
<b>Resolution</b>		570 TVL Horizontal	
<b>Minimum Subject Illumination</b>		0.015 Lux @ F1.2	
<b>Lens Mount</b>		CS	
<b>Backlight Compensation</b>		Programmable Four Area Selectable (see below)	
<b>S/N Ratio</b>		50dB	
<b>TV System</b>		EIA Standard, 2:1 Interlace	
<b>Dynamic Range Boost</b>		Yes	
<b>Sync System</b>		Line-Lock/Internal	
<b>Line-Lock Vertical Adjustment</b>		External VR Range 0° - 300°	
<b>Gamma Compensation</b>		0.45 fixed	
<b>Shutter Control</b>		AES (1/60 to 1/100,000)	
<b>Video Output</b>		VS x 1 Vpp/BNC (75 Ω unbalanced)	
<b>AGC</b>		Programmable Off/18dB/32dB	
<b>Ambient Temperature</b>		14°F to 122°F	
<b>Mounting Method</b>		1/4-inch x 20 Threaded Hole (Top & Bottom)	
<b>Tripod Mount Hole</b>		Provided (Top and Bottom)	
<b>Power Supply</b>		AC 24V ±10%, 60Hz ±1Hz/50Hz (INT Mode), 12VDC	
<b>Power Consumption</b>		4 watts	
<b>Dimensions</b>		2.46"(W) x 1.97"(H) x 4.45"(D)	
<b>Weight</b>		21.2 ounces	
<b>Safety Standard</b>		UL2044, CSA	
<b>Emission Standard</b>		FCC class A, IC/A	
<b>Pin Assignment</b>		A1	A1 - AMP
	1	+9V	Damp-
	2	NC	Damp+
	3	Video	Drive +
	4	GND	Drive-

Specifications subject to change without notice

### Programmable Backlight Compensation Modes



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