

**TOSHIBA**  
Leading Innovation >>>

**IK-65WDA**  
WIDE DYNAMIC RANGE CCTV CAMERA



*lens not included*

ULTRA-WIDE

**133X** DYNAMIC RANGE

*Capture super clean  
high resolution video  
in extreme backlight  
environments*

- 133X dynamic range allows reproduction of both very dark and very light images within the same frame
- 53 dB signal-to-noise ratio
- Digital noise reduction
- Minimum illumination of 0.001 lux @ F=1.2
- 520 lines of horizontal resolution
- User definable day/night imaging
- Menu-driven programming
- 3 year warranty

# IK-65WDA

## WIDE DYNAMIC RANGE CCTV CAMERA

Imaging sensor	1/3" interline transfer CCD
Effective picture elements	768 (H) x 494 (V)
Resolution	520 TVL horizontal
Minimum subject illumination	0.001 lux @ F=1.2
AWB range	2,500 K to 10,000 K offset adjustment
Lens mount	CS mount
Backlight compensation	Wide dynamic/6 mode programmable
S/N ratio	53 dB
Video output	VBS 1 Vp-p, 75 ohms
Video format	NTSC, 2:1 interlace
Sync system	Line-lock/internal
Line-lock V-phase adjustment	User adjustable (0°-300°)
Gamma compensation	0.45 fixed
Shutter control	AES: (SW: 1/60 to 1/100 K)
Sens-up limit (slow shutter)	Off/X1, X2, X4, X8, X16, X32, X64, x128
AGC	OFF/23 dB/30 dB
Operating 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	24 V AC (±10%)/60 Hz (±1 Hz), 12 V DC (±10%)
Dimensions (inches)	2.74 (W) x 1.97 (H) x 4.56 (D)
Weight	17.6 ounces
Auto-Iris lens support	DC type
Day/Night function	Off, standard day/night with adjustable threshold and gain, super day/night with user defined dynamic shutter control
Set up menu	Day/night, shutter speed, pedestal, AGC, sync, backlight compensation, sharpness control, white balance, camera number
Safety standard	UL 2044, CSA
Emission standard	FCC Class A, IEC/A
Aperture (sharpness)	Low, mid, high
Remote control	RS-422, P&D protocol

Achieve outstanding image quality in the most severe lighting conditions.

The Toshiba IK-65WDA captures legible color video of both the background and foreground in challenging backlighting applications, such as a retail outlet or an outdoor site, where standard cameras only produce dark or washed-out images.

### MAIN FEATURES

- 133 times dynamic range
- 53 dB signal-to-noise ratio
- Digital noise reduction
- 0.001 lux @ F=1.2 minimum illumination
- 520 lines of horizontal resolution
- Multiple day/night modes
- 3 year warranty



IK-65WDA camera

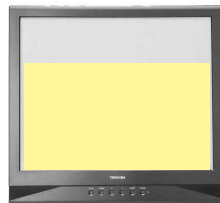


Standard camera

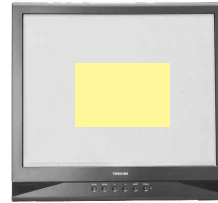
### BLC MODES



BLC OFF



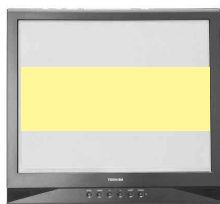
LOWER 2/3



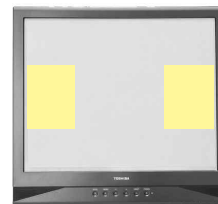
CENTER 1/6



UPPER 2/3



CENTER 1/3



SIDE 1/6

### APPLICATIONS

- Banks/ATMs
- Public buildings
- Public transportation
- Parking lots
- Outdoor parks
- Schools
- Casinos
- Retail outlets