

**TOSHIBA**  
Leading Innovation >>>

# IK-7100A Series

DAY/NIGHT BULLET CAMERAS



## IP66 Rated

*Weatherproof bullet  
camera for indoor  
and outdoor  
surveillance*

- High resolution day/night color bullet cameras
- IP66 rated for outdoor installations
- 16 long-range, high-intensity IR LEDs
- 1/3" SuperHAD CCD
- 480 TV line resolution (768 x 494)
- Digital signal processing circuitry
- Versatile 3.6mm or 8.0mm lens
- Analog simplicity and ease-of-installation
- Metal construction resists corrosion, bad weather and vandalism
- Auto backlight compensation
- Shipped complete with mounting bracket
- Three-year limited warranty

# IK-7100A Series

## Day/Night Bullet Cameras



10:30 am



8:30 pm

Day/night imaging automatically drops color in low light for greater detail. Coupled with the 16 IR LEDs, it allows you to continue recording 24/7.

Extended IR LED Range of 33 feet

Image sensor	1/3 inch SuperHAD CCD	
Resolution	480 TV Lines, 768 (H) x 494 (V) pixels	
Scanning system	Interlace	
Digital signal processing	Yes (SS-11X)	
Video system	NTSC	
Sync system	Internal	
Built-in Lenses	Model	Lens
	IK-7100A-3.6	3.6 mm
	IK-7100A-8	8.0 mm
S/N Ratio	< 48dB	
Min.illumination	IR LED ON: 0 Lux at 10 IRE (AGC 27 dB)	
Exposure cont.	AES	
Day/Night Imaging	Yes	
White Balance	AUTO: 2500° K to 9500° K	
Gain control	AUTO (27dB)	
Backlight compensation	Always ON (zone: center 50% x 50%)	
Gamma	0.45	
IR LED	High intensity LED x 16	
IR wavelength	850 nm	
IR distance	33-feet (10-meters)	
IR turn on status	Under 10 lux by photocell (auto controlled)	
Video output signal	VBS (1V p-p, 75 ohm, BNC)	
Video out (NTSC)	YES (BNC cable)	
Dimensions	2.8" (W) x 2.36" (H) x 3.41" (D) 70.7mm (W) x 60mm (H) x 86.7mm (D) (excluding protrusion and bracket)	
Weight	8.2 oz (250g)	
Temperature of operation	14° F to 122° F	
Preservation Humidity	20% to 95%	
Construction	Metal	
Protection rating	IP66 (dust tight, resists rain and powerful water jets)	
Power input	Terminal cable and flag (+12 VDC)	
Power requirement	12 VDC ± 10%	
Power consumption	4.5W (Max ) with LED ON	
Accessories	Manual, mounting bracket, mounting screws (3), anchor	
Safety	FCC Class A/ICES003	
RoHS	Compliant	

Introducing a cost-effective means to capture images in all lighting environments — whether it's near complete darkness, uneven light, or even in bright direct sunshine.

Equipped with 16 long-range IR LEDs, IK-7100A Series cameras generate outstanding, high-resolution video images where other cameras can't. They deliver the enhanced capabilities, reliability and ease-of-installation that you have been searching for in an ultra-compact bullet camera. Proven backlight compensation and auto white balance meet the high requirements of detail-intensive applications, while digital signal processing and day/night imaging complete the value package to assure excellent images around-the-clock. Plus, they can be installed virtually anywhere, indoors or outdoors thanks to a IP66 housing that withstands demanding all types of weather conditions.

### SUGGESTED APPLICATIONS

- Parking lots
- Public places
- Outdoors
- Commercial
- Streets
- Government buildings
- Military
- many more...