


5 Year  
Limited  
Warranty

 **STAR-LIGHT™**

# High Resolution-3 Axis Ball Camera

## BL5363D • BL5363TIR

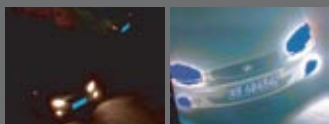
### New ICON Driven OSD Menu

EXPOSURE  
  
LENS DC ⏪  
E.SHUTTER 1/60  
E.I.C ON ⏪  
MAX\_DR OFF  
AGC OFF  
SENSE\_UP X4  
EXIT JUMP ⏩

### 3D Digital Noise Reduction



### Highlight Masking Exposure



### Star Light Technology

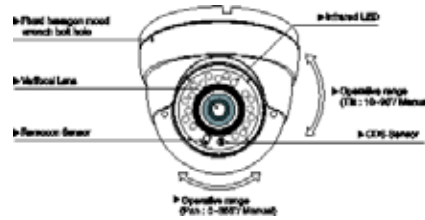


- Digital Vandal Resistant Armored Ball Camera,
- Star-light Series 3D-DNR (Digital Noise Reduction)
- Hi Res 560 TV Lines
- 1/3" Sony Super II HAD CCD Chip
- Varifocal 2.8 ~ 11mm lens
- Highlight Masking Exposure (HME)
- Intelligent IR LED, 65' (BL5363TIR)
- True Day & Night (BL5363TIR)
- NEMA IP66

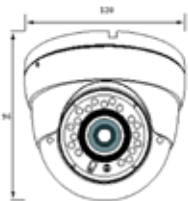
**DW** • DIGITAL  
WATCHDOG  
Everything's Digital

# Ball Camera BL5363TIR

3-Axis Ball Camera  
True Day and Night-IR



## Dimensions (Unit : mm)



## Summary

The BL5363TIR is the next generation of Digital Watchdog's Outdoor Camera. The BL5363TIR is a Weather Resistant 3-Axis Ball Camera that ensures excellent color sensitivity and High Resolution in both Day and Night applications. This camera is the next generation of our Starlight Series (3D DNR) of products which offers extreme low light capability. During daytime operation, this camera produces a crisp 560TV line resolution color image. At night, the camera switches to black and white mode, removes the IR cut filter, and illuminates the scene up to 100 feet without added lighting.

The BL5363TIR is Water Resistant, Dust Proof, Shock Proof, and is the right choice for system integration and critical surveillance applications. This product is NEMA rated IP66 and offers a 5 Year Warranty.

## Features

- 1/3" Sony Super HAD II CCD
- 560 TV Line
- 2.8 ~ 11mm Varifocal Auto Iris Lens
- Easy Icon Driven OSD Menu
- 65 feet range IR with Intelligent Camera Sync
- 3D-DNR (3D Digital Noise Reduction)
- Star-Light (Super Low Light Technology)
- DRC (Dynamic Range Compress)
- TDN (True Day and Night/TDN5)
- HME (Highlight Masking Exposure)
- Digital Zoom 32X
- Negative Imaging
- Secondary Video-BNC Output for Easy Installation
- Auto Sensing 24 VAC/12 VDC with Line Lock
- AGC (Auto Gain Control)
- BLC (Back Light Compensation)
- AWB (Auto White Balance)
- Mirror Image Control (H/V)
- Programmable Privacy Zone (6) & Motion Detection (8)
- Sharpness Control

## Mechanical

- No Fog or Condensation under Any Weather Condition
- 3-Axis Ball Neck Bracket (simple camera positioning)

## Specifications

Model	BL5367TIR
Image sensor	1/3" Super HAD II CCD
Number of Pixels	811(H) x 508 (V), 411K pixels
Pixels-Effective	768(H) x 494(V)
Scanning system	NTSC 525 lines. 2:1 interlace
Horizontal resolution	560 TV Lines [Color], 580 TV Lines [B/W]
Minimum illumination	F1.2: 0.14 lux, x256 Starlight: 0.0005 lux in Color
Video out	VBS 1.0Vp-p(75 ohm Load)
Video S/N ratio	52dB or higher(AGC off)
Lens	Varifocal
Shutter speed	Auto Iris Lens 3.3-12mm
Gamma	1/60s up to 1/100,000s
Gamma	0.45
Synchronizing system	Internal & External line lock
OSD	StarLight
	AUTO / OFF (step 2 - 256)
	3D DNR
	OFF / LOW / MIDDLE / HIGH
	AWB
	ATW / AWC / Manual / Outdoor / Indoor / Push Lock
	Gamma
	0.45
	Motion Detection
	ON / OFF
	Mirror
	ON / OFF
	Digital Zoom
	32X
	Negative Image
	ON / OFF
	Sharpness
	0 -31
	Privacy Zone
	7 Programmable Zones
	HME
	ON/OFF set level 0-8
	DLC
	OFF / Indoor / Outdoor
Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)
Storage Temperature	-20°C ~ +75°C
Humidity	Less than 90%
Power Requirement	12VDC / 24VAC (60Hz)
Power Consumption	DC12[V]: 1.7 [W] / AC24[V]: 2.42[W]
Dimensions	96mm x 120mm
Weight (approx.)	2.3 lbs
Nema Type	IP 66
Certification	CE, FCC, RoHS

