



## **OUTDOOR IR COLOR CAMERA**

**MODEL: BC-IR3.6N / BCH-IR3.6N**

### **PRODUCT FEATURES**

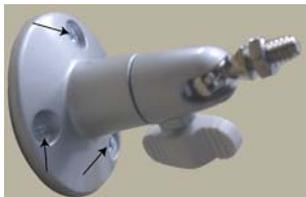
1. Selection of 420 and 520TV resolution and low light performance surveillance camera with a built-in 1/3 type CCD
2. Integrated 3.6mm fixed lens
3. Outstanding 0.15/0.30 lux performance with built-in 24 LEDs.
4. Photocell activates IR light at night.
5. Compact and light weight
6. Designed for indoor or outdoor use

### **SAFETY PRECAUTIONS**

- |  |   |
|--|---|
| <ol style="list-style-type: none"><li>5. The installation should be made by qualified service engineers and should conform to all local codes.</li><li>6. To prevent fire or electric shock, do not expose the camera to rain or moisture.</li><li>7. To prevent fire or electric shock, UL listed wiring should be used for the DC 12V input.</li><li>8. Use only DC 12V regulated power supply marked class 2.</li><li>9. Never attempt to disassemble or modify the camera.</li></ol> | <ol style="list-style-type: none"><li>1. Be sure to connect each lead to the appropriate terminal. Wrong connection may cause damage to the camera.</li><li>2. Do not attempt to aim the camera at the sun or other extremely bright objects.</li><li>3. Do not allow the camera to be subject to unstable location, strong shocks and vibration, and strong electromagnetic field.</li><li>4. If any abnormality occurs, immediately turn off the power and consult your dealer.</li></ol> |
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## INSTALLATION

1. Use the supplied three screws to attach the bracket to wall. Drill a hole in advance on the proper position of the wall for the Power and Video Cable to pass through later.



2. Remove the Joint Lock from the bracket by turning it counterclockwise. Then, screw the Joint Lock to the backside of the camera (turn clockwise)\*.

\* There are two screw holes on the backside of the camera. Please choose the proper one which best suits your installation environment. If the upper screw hole is chosen, it's recommended to push the Sun Shield a little bit toward the direction of the lens for easy installation.

### Sun Shield

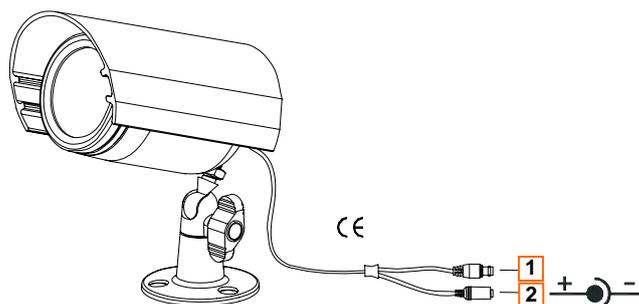


3. Screw the camera with the Joint Lock connected to the bracket. Adjust the camera angle and the Sun Shield position. After that, secure the Joint Lock to fix. Then, pass the Power and Video Cable through the hole drilled in Step 1 to hide it.



## CONNECTION

1. **Video Output Connector (VIDEO OUT)**  
Connect the camera video output and the monitor video input with 75Ω coaxial cable.
2. **DC12V Input Terminal**  
Connect the power terminal of the camera to a 12V DC regulated power supply.  
**Note:** Please use the correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC12V  $\pm$  10%. Over maximum DC 12V power input will damage this unit.



## SPECIFICATIONS

Model Name	BC-IR3.6N	BCH-IR3.6N
TV System	NTSC	
Scanning system	2 : 1 Interlace	
Image Sensor	1/3"-Type Interline transfer CCD	
Effective Elements	512(H) x 492(V)	771(H) x 492(V)
Scanning Frequency	15.734kHz(H) x 59.94Hz(V)	
Video output	1.0Vp-p /75Ω	
Horizontal resolution	More than 420 TVL	More than 520 TVL
Minimum Illuminance	0.15 Lux / F2.0, 0 Lux (15 meter IR ON)	0.3Lux / F2.0, 0Lux (IR ON)
S/N ratio	More than 48 dB (AGC OFF)	
Gamma characteristic	0.45	
IR Illumination	24 IR LEDs	
Sync. System	Internal only	
Electronic Shutter	1/60 sec. ~ 1/100K sec.	
White balance	ATW	
Power Supply	12V DC±10%	
Power consumption	1.2 Watt (IR OFF)/4.2 Watt(IR ON)	
Ambient temperature	Operation : 0°C to +40°C (14deg F to 122 deg F) / Storage : -20°C to +60°C (-4 deg F to 140 deg F)	
Ambient humidity(No condensing)	Operation : Max. 85%RH / Storage : Max. 95%RH	
IP Rating	IP67	
External dimensions	100mm(L) x 65mm(W) x 63.8mm(H)	
Weight	320g	
Accessories	IR camera with a power and video cable * 1	
	User Manual x 1	
	Bracket x 1	
	Wall Plug and Screw x 3	

## LENS SPECIFICATIONS

Max. aperture ratio	1 : 2.0	
Focal Length	3.6mm	
Iris	F2.0	
Angle of view (Wide to Tele)	D	92.6°
	H	76.1
	V	58.4

**\*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.**

**This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.**



#### **Disposal of your old appliance**

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.