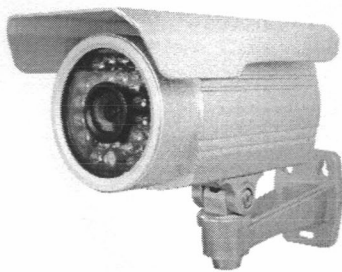


Waterproof IR Camera Operation Instruction

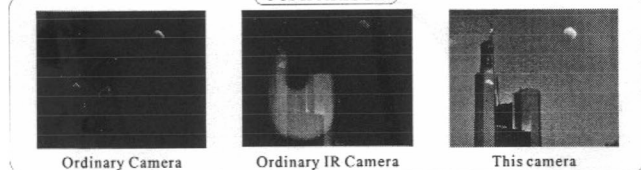


ICR150

DESCRIPTION

The camera employs advanced digital signal image processing technology and realizes high horizontal resolution up to 600TVL. When light changing reaches a certain value, IR LEDs will start themselves automatically. It helps to have an easy 24-hour day&night monitoring and operation.

COMPARISON



PRECAUTIONS

Thank you for your purchasing this product. Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use.



1. Use the Appropriate Power Supply.

The input power for the camera is DC12V. Be sure to connect it to the appropriate power. Wrong connection may cause malfunction and/or damage to the video camera.

2. Do not attempt to disassemble the camera.

To prevent electric shock, do not remove screws or covers. There are no user serviceable parts inside. Ask a qualified service person for servicing.

3. Handle the camera with care.

Do not abuse the camera. Avoid striking, shaking, etc. The camera could be damaged by improper handling or storage.

4. Do not use strong or abrasive detergents when cleaning the camera body.

Use a dry cloth to clean the camera when dirty. In case the dirt is hard to remove. Use a mild detergent and wipe gently.

5. Do not attempt to aim the camera at the sun.

Do not attempt to aim the camera at the sun or other extremely bright objects that cause smear to appear irrespective of whether the camera is operating or not. This can damage the CCD (Charge Coupled Device).

6. Do not put the camera in a place with interference.

When this camera is installed near the equipment like wireless communication device which emits strong electromagnetic field, some irregularity such as noise on monitor screen may happen.

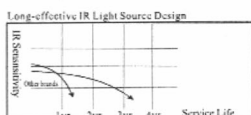
FEATURES

High Resolution

600TVL horizontal resolution.

Long-term IR LED Design

High-performance IR LED, whose brightness is several times higher and service life longer than an ordinary LED's.



2D-DNR

Use special algorithm, reduce video and color noises, which increases its resolution and cleanliness and creates clearer and sharper images.

D-WDR

Advanced D-WDR technology greatly improves its image quality under variable lighting conditions.

HS BLC

It can distinguish strong strong light spots, and cover them to improve the definition of the entire image and thus ensures clearer and more effective surveillance.

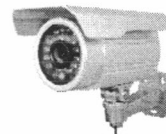
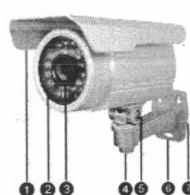
Auto D/N Switchover Operating Mode

COLOR mode in daytime when there is enough light; at night when there is little light, sensitivity and image quality need to be higher, it will switch to B/W mode automatically and start IR. IR range is up to 20m.

Ip55 Waterproof

All-in-one Bracket.

PARTS INSTRUCTION

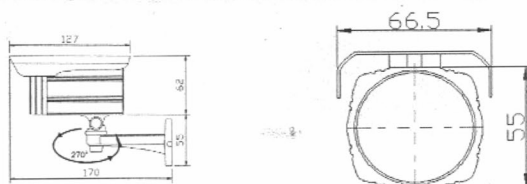


1. Sunshade
2. IR LED
3. Lens
4. Horizontal Adjusting Screw
5. Vertical Adjusting Screw
6. Screw Hole for Fixing the Bracket
7. Bracket

Camera Installation

1. Select a needed place and fix the bracket to the wall with screws.
2. Unscrew the horizontal adjusting screw and vertical adjusting screw, adjust camera to a needed angle and fix it with screws.

DIMENSIONS



SPECIFICATIONS

Model Number		ICR150
Sensor	Sensor	1/3" High Sensitivity CCD
	Video Format	PAL/NTSC
	Resolution	600TVL
	Mini Illumination	0Lux (IR ON)
	S/N Ratio	≥50dB (AGC OFF)
Control	AGC	AUTO
	BLC	AUTO
	Iris Control	Electronic Iris
	Electronic Shutter Speed	1/60(1/50)-1/100000 SECOND
	White Bal Mode	AUTOMATICAL
	Range	(AUTOMATICAL) 2200~10000°K
Power	Day&Night	AUTO
	Sync Mode	INTERNAL
	Voltage	DC12V
Current		<275mA
Lens		3.6mm
IR Range		20M
Operating Temp.		-10°C~50°C
Storage Temp.		-20°C~50°C
Dimension(mm)		170mm * 62mm * 66.5mm
Weight		550g

*Specifications subject to change without notice.