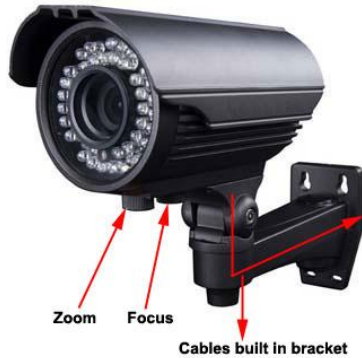


COBRA-180

1/3" Sony Weatherproof IR Cameras

Standard resolution, 540TVL, 12VDC, NTSC

Model: **Cobra-180**



Description:

This is a high quality Color Weatherproof Camera designed for NTSC system. Using the latest CCD technology, the camera can produce high resolution with little distortion. The camera has a wide operation temperature range and is not subject to distortion from magnetic field. With its lightweight and compact size, this camera can be used for monitoring and surveillance.

Cautions:

1. To avoid electrical shock, do not attempt to disassemble the camera.
2. To prevent fire or shock hazard, do not use near a bath tub, wash basin, sink or laundry tub. Do not use in a swimming pool.
3. Do not overload electrical outlets or extension cords as this can result in fire or electric shock.
4. Refer servicing to qualified personnel only.

Limited 2 Year Warranty:

This warranty gives the original purchaser specific legal rights and you may have other rights which vary from state to state if the products do not function because of any defect in material or workmanship, the product will be repaired for free for a period of 2 year on Parts (CCD not included) & labor from the date of original purchase. This warranty does not cover incidental or consequential damages unless the state of owner's residence specifically prohibits limitations on incidental or consequential damages.

Important Notice:

The warranty will be void if the seal label is torn off from the camera.

Packing List:

Camera	1
Instruction Manual	1
Mounting Screw	4
Hexagon Socket Head Key	1

Operation Procedures:



Trouble and Solution:

- 1. No picture after providing power**
The power supply voltage may be abnormal pls check the power supply voltage and cable connections.
- 2. The picture shows lines of interference**
This may be caused by the power supply. You may need to filter the power supply or shield the cabling from interference. Check the monitor and peripheral equipment being used as well.
- 3. The picture background color changes continuously**
Fluorescent lights have electromagnetic fields that may cause color to roll. This is a common issue with some cameras. Increase the distance between the camera and the fluorescent lights to decrease the likelihood of this happening.

Specifications:

Pick up Device	1/3" Color SONY CCD
TV System	NTSC
Picture Elements	752Hx582V
Horizontal Resolution	540 TVL
Sensitivity	0 Lux/F1.2 (Infrared LED On)
Scanning System	2:1 Interlace
Synchronization	Internal
Infrared Spectrum	850nm
S/N Ratio	More than 48 dB, (AGC Off)
Auto Gain Control (AGC)	Auto
White Balance	Auto
Electronic Shutter	Auto
Back Light Compensation	Auto
Infrared LED	72pcs / F5
Infrared LED Range	60m

Video Output	1 Vp-p, 75Ωcomposite , BNC x1
Audio Output	N/A
Mirror	N/A
Gamma Ratio	0.45
Iris Level Control	N/A
Lens	4~9mm Varifocal manual lens
Full Field Angle (D)	75°
Exterior Focus Adjustment	Yes
Mounting bracket	including
Power Supply	12V DC ±10%
Power Consumption	1000mA
Net Weight (lb)	3.3lb
Weatherproof/ Water Proof	Weatherproof (IP66)
Operating Temperature	-10°C to +50°C

**Specifications are subject to change without prior notice*