



SIR28-4836
SIR28-4860
SIR28-4880

28 LED Color Water Proof DN IR Camera



FEATURES

Water Resistant IP68 Rating IR Camera
IR LED Distance 20 ft ~ 65 ft

- * 480 TVL
- * 0.1 Lux (0 Lux LED on)
- * U.S. Patent Pending Heat Dissipation
- * 12V DC, 90mA LED "Off" / 400mA LED "On"

CAUTIONS

1. Never point the camera toward the sun

Do not expose the lens directly to the sun or to strong light as this may damage the pick-up device.

2. Handle this camera with care

Avoid any shock or bumping of the camera. Improper handling could damage the camera.

3. Requires a proper operating environment

This camera is designed for both indoor and out door use. The allowable temperature range for operation of this camera is between -10°C + 60°C.

4. Clean the front face to the pick-up device

5. Check the power source voltage

The power source voltage should be within the specified range. (Camera must meet the specifications).

6. Objects and liquid entry

Never push objects of any kind into this device which may short-out parts that could result in a fire or electric shock. Never spill any kind of liquid on the video product.

7. Servicing

Do not attempt to service this video product by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all service to qualified servicing personnel.

* If you open the cover of the camera warranty will then become void.

8. Damage requiring service

Unplug this video product from the wall outlet and refer service to qualified servicing personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the video product.
- If the video product has been dropped or the housing has been damaged.

- When the video product exhibits a distinct change in performance.

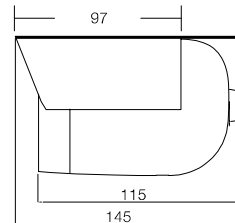
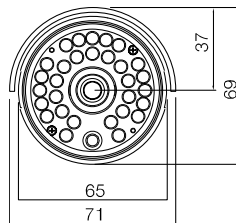
9. Installation

Installation should conform to all local codes.

SPECIFICATIONS

Model	SIR28-4836	SIR28-4860	SIR28-4880
Image Sensor	1/3" Sony Super HAD CCD		
Resolution	480 TV Lines		
TV System	NTSC-15.734 KHz ; PAL-15.625 KHz		
Picture Elements	NTSC: 768(H) x 494(V);		
Synchronization	Internal		
Minimum Illumination	0.1 Lux (0 Lux LED "On")		
Signal to Noise Ratio	More than 48dB (AGC) "Off"		
Gain Control	Auto		
White Balance	Auto		
Gamma	0.45		
Back Light	On		
Electronic Shutter	Auto, <NTSC> 1/50~1/100,000sec.		
Infrared LED Quantity	Ø5 x 28		
IR LED Distance	20Feet ~ 65 Feet		
Video Output	1 Vp-p 750 Ohms		
Lens	3.6mm	6.0mm	8.0mm
Weight	450g		
Dimensions	65mm x 115mm		
Power Supply	12V DC		
Power Consumption	90mA (LED off) / 400mA (LED on)		
IP Rating	IP68		
Operation	-10°C + 60°C		
Patent Pending	Heat Dissipation		

DIMENSION



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