



Docking & Monitoring CCTV Cameras

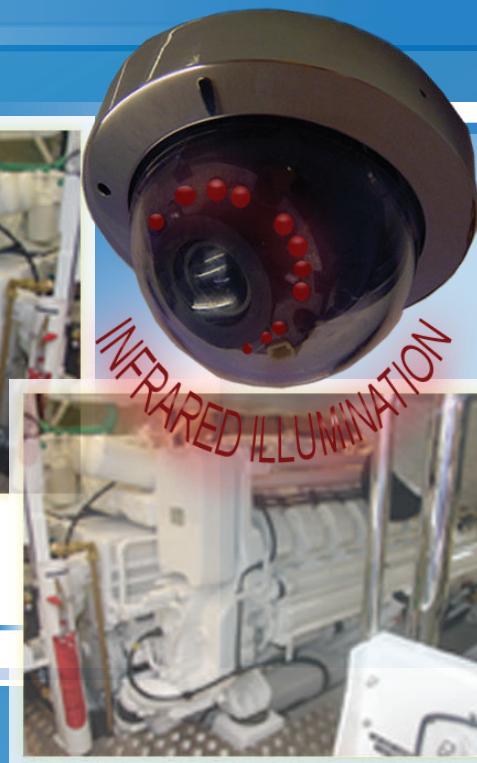
SSMIC01-IR Rugged Stainless Steel Day / Night High Resolution IR Camera

Main Features Include:

- High Resolution 600TV Lines
- Easy 3 Axis Adjustment Gimbal
- Plug & Play Installation
- Minimum Illumination: 0.01 Lux
- Mirror Reverse Image Flip
- Machined from Stainless Steel 316L
- Choice of Lenses
- Flush or optional Surface Mount
- Rugged IP67 Waterproof Housing
- Low Power Consumption
- Power Source 12V DC
- High Efficiency IR LED
(up to 10 metres)



Image Flip
Feature



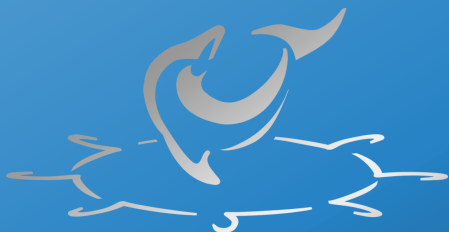
Camera Information:

A great addition to our rugged stainless range the **SSMIC01-IR** is a very versatile camera benefiting from high efficiency **INFRARED LED** ideally suited for areas that suffer from poor lighting conditions.

Machined from a solid block of high grade 316L Stainless Steel and hand polished to a high mirror finish. Not only does the camera look amazing but its IP67 rating means it will withstand the extremes of all weather conditions associated within the marine environment.

An advanced technology Sony chip-set ensures a crisp **High Resolution** (600 TV lines) picture quality. An optional setup controller enables access to an (OSD) on screen display menu, which can adjust settings to optimise the image better suited for the visibility of your vessel including a very useful feature that will **Reverse Flip** the picture.

Specification may change without prior notice

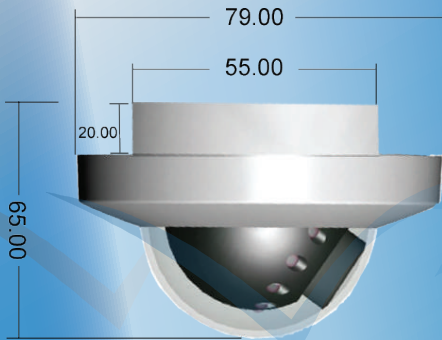




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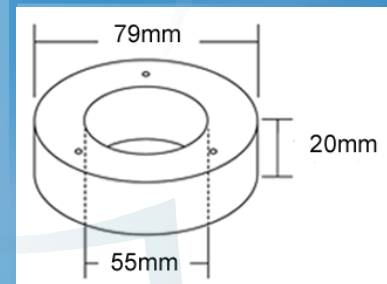
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Camera Dimensions



Mounting Adapter - Optional

Stainless Steel 316 surface mounting adapter raises the housing **20mm** to allow for a single cable hole - approximately **6mm**



Technical Data

Video Output	Composite Video 75 Ohms
Exposure Control	Electronic
Lens	3.6mm Fixed Lens
Shutter Speed	1/50 - 1/100,00 Sec
Sync	Int / Line-lock
Gamma	0.45
Resolution	600 TV Lines
Sensitivity	0.1 Lux / 0.01 Lux Colour/Mono (F1.2 30 IRE)
IR LED	IR Illumination up to 10m (in total darkness)
S/N Ratio	50 dB or more (AGC Off)
Operating Temperature	-10 to +55°C
Storage Temperature	120 to +70°C
Relative Humidity	<90% Non-condensing
Power	12V DC
Power Consumption	90 mA/175 mA LEDs Off/On
TDN	True Day / Night Switching
3D-DNR	3 Dimensional Digital Noise Reduction
BLC	4 Zone Back Light Compensation
MAX-DR	Maximum Dynamic Range 0-20 Setting
SENS-UP	Digital Sensitivity Boost
HME	Highlight Masking Exposure
MIRROR	Horizontal & Vertical Picture Flip
AGC	Auto Video Gain - Off/Low/Mid/High
LEDs	On / Off

Connections:

Power to the Camera is supplied by colour coded flying leads.

Red = 12V DC +
Black = 0V DC / GND

The Video Output Lead is fitted with a female BNC connector for easy connection to a co-axial, or other video cable.

- Centre pin is for signal
- Sleeve is ground Level
- Signal Output is Composite Video

