

Mini LED Camera

Rovtech Systems Mini LED Seacam is an underwater video camera boasting most of the features of the Micro Seacam in a slightly larger size but with the added function of being its own source of light. A ring of high brightness white LEDs surrounding the camera view, lights the area in front of the camera.

The Mini LED Seacam is ideally suited for use in pipe inspection as the integrated LEDs eliminate the need for a separate lamp, this combined with its small size and round shape allows it to be guided round pipes and conduits with relative ease.

The LED lighting can be dimmed which is particularly useful when operating in water and can reduce problems with backscatter and reflections from shiny objects.

The LED lighting is characteristically, significantly lower power than other sorts of lighting and generates very little heat and can therefore be manufactured in acetyl if required.

As the LEDs have no filament, the camera is resistant to vibration and hard knocks and the life expectancy of the high brightness white LEDs is significantly longer than that of standard bulbs.



"When supplied as B2B EEE the producer invokes regulation 9.2 and passes all WEEE obligations to the end user"

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Company Reg: IN ENGLAND No- 2949672 VAT Reg No: 652 1573 47 WEEE Reg No. WEE/GA 1432XS

Light Ring specification:

- 30 ultra white LEDs
- 12 x 20° inner viewing angle
- 18 x 50° outer viewing angle
- 100 candella at 20mA
- 225mA max
- 2.5w output
- Internal regulator unit fitted for light ring and camera

- Stainless steel housing(Aluminium or Acetyl optional)
- Toughened glass front port
- Subcon Standard Connector (or User Specified)
- 54mm diameter
- Depth rating 200m
- 14v-24v DC operation

Colour Camera Specification:

- TV System: PAL
- Scanning System: 625lines, 50fields/sec
- 1/3" CCD Image Sensor
- 1 lux, F1.2
- Lens & View angle: 6mm f2.0/42deg
- Resolution: 480 TVL
- Auto iris
- Video output: 1.0V p-p composite video at 75 ohm
- Gain control: AGC
- Operation temperature: -20°C to 50°C
- Regulated Power supply: DC12V / 65mA

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