

MODEL ***BP-MBC-2-L***

**Miniature  
Black &  
White  
Camera  
c/w Integral  
Lighting**

- ***LATEST CCD TECHNOLOGY***
- ***LOW LIGHT SENSITIVITY***
- ***HIGH RESOLUTION***
- ***VERY SMALL SIZE***
- ***LOW COST***
- ***TELEMANIPULABLE***
- ***SPLASHPROOF***
- ***SMOOTH POLYURETHANE HOUSING***
- ***9VDC PROTECTED WHEN USED WITH RPS***



The *BP-MBC-2-L* Remote TV Inspection System has been designed to be used in remote visual inspection tasks in hostile environments which require a very small inspection system.

The system uses a miniature camera sensor and high intensity LED lights which are encapsulated within a polyurethane waterproof elastomer. At the front of the camera is a high quality optically clear viewing port. The camera is supplied with 15 m of miniature screened highly flexible cable which is fitted with a single pin connector as standard but other options are available.



# TECHNICAL SPECIFICATIONS

## BP-MBC-2-L

### ELECTRICAL

Resolution, Horizontal	380 TV Lines
Limiting CCD Light Sensitivity	0.8 lux (scene)
Sensor Type	1/4" CCD
Sensor Elements	320,600 approx.
Signal to Noise Ratio	Better than 46dB (AGC off)
Scanning	625 lines 50 Hz CCIR 525 lines 60Hz EIA
Power	Regulated 9 Volts DC as standard other input voltages are available, please specify
Current	175mA maximum
Composite Video Output	1.0V pk - pk
Lights	3 x 400 mCd, 60° output.

### ENVIRONMENTAL

Temperature (Storage)	-10°C - 60°C
Temperature (Operational)	-10°C - 40°C

### OPTICAL

Lens	3.8mm f2.0
Electronic iris	1/50th ~ 1/100,000thsec.
Focus	Fixed focus, wide angle permanently set
Depth of field	25mm to 150mm or 150mm to infinity, factory set
Port	Optically clear polished acrylic

### MECHANICAL

Maximum Diameter	30mm O.D.
Length	85mm.
Weight in air	126 gms.
Housing	Polyurethane elastomer.
Connector (When used)	LEMO IP 68



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