



DIVECAM-600M MONOCHROME

**High Resolution
Monochrome
600TVL**

**Low Light Sensitivity
0.005 Lux @ f2.0**

100 Metre Rating

**Non Corrosive
Acrylic Housing**

The Bowtech *DIVECAM-600M* miniature high resolution monochrome CCD camera, one of the cameras in our Aqua Vision range, provides a low cost solution to shallow underwater viewing and observation to 100m.

The cameras are manufactured with a high quality acrylic housing (patent pending) rated to 100 metres operating depth as standard. The camera is fitted with a fixed focus wide angle lens, giving a diagonal field of view of 65 degrees in water through the unique integral acrylic window. The camera features built-in reverse polarity & surge protection.

The miniature, high quality 1/3" CCD sensor, offers high resolution and low light level sensitivity. It is the ideal camera for low light shallow viewing tasks.



DIVECAM-600M

ELECTRICAL

Resolution, Horizontal	600TV Lines
Minimum Illumination	0.005 lux @ f2.0
Sensor Type	1/3" CCD
Sensor elements	752 (H) x 582 (V) PAL
Signal to Noise Ratio	>50dB (AGC off)
Scanning	625 Line 50Hz PAL
525 Line	60Hz NTSC
Power	12VDC
Current	100ma maximum
Composite Video	Output 1.0V pk-pk
Electro-Magenetic Compatibility EN50081-1 Emission/EN50082-1 Immunity	
MTBF	80,000 Hours

ENVIRONMENTAL

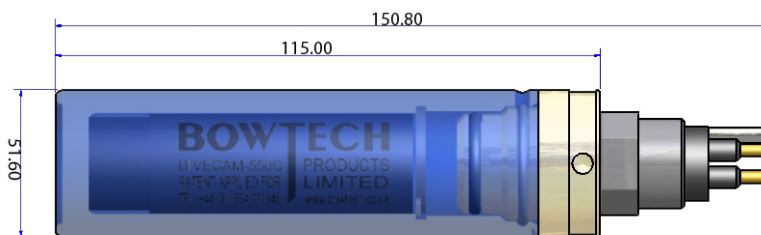
Water Depth	100 meters (300m Option)
Temperature (Operating)	-10° C ~ +50° C
Shock	3 axis (operating) 30g peak, 6mS half-sine pulse

OPTICAL

Lens	f2.0 2.9 mm or 3.6mm, 4.3, 6, 8, 12, 16mm
Auto Iris	CCD Iris 1/50th ~ 1/100,000th. sec.
Focus	Fixed 100mm ~ Infinity
Angle of View	91° Diagonal in Air, 65° in Water (2.9mm lens)
Window	Integral acrylic window

MECHANICAL

Maximum Diameter	31mm (1.2")
Length	110mm (4.33") Excluding Connector
Weight in Air	163grams (when fitted with MCBH4M)
Weight in Water	95 grams
Standard Housing	Acrylic
Standard Connector	WETCON BH-4-MP or MCBH4M
Optional Connectors	Large selection of Seacon Connectors



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