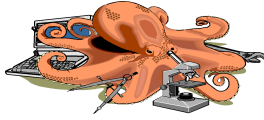


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OKTOPUS Colour Video Camera



The OKTOPUS colour video camera is a small and adaptable video camera that can be mounted to a variety of instrumentation carriers without problems. The camera is deployable to a water depth of 6000 m.



Technical Data

Environmental

Depth rate	6.000 meters max.
Operating Temperature	-10 °C to +50 °C
Storage Temperature	-30 °C to +70 °C

Mechanical

Housing Material	Stainless Steel 306T (1.4571)
Outer Diameter	66 mm/78 mm
Length without Connector	110 mm
Weight in Air	1.900g
Weight in Water	1.600g

Electrical:

Connector	SUBCONN BH 4 M (standard)
Pin-out	1 = GND, 2 = +24 V, 3 = Video, 4 = NC
Voltage	24 V DC (14 V to 30 V),Protected
Current	115 mA

Optical

Lens:	2,5 mm, f 2,0 (Wide Angel)
Focus:	Fixed
Field of View in Air	110° Horizontal/ 82,5° Vertical
Field of View in Water	75° Horizontal/56,3° Vertical

Video

Sensor:	1/3" CCD Image Sensor
Electrical Shutter:	1/50 - 1/100 000 sec.
Resolution:	380 TV-Lines Horizontal
Sensitivity:	1,0 Lux at f = 2,0
Signal to Noise:	> 50 dB
Video Output:	FBAS 1,0 Vpp/75 Ohm
Video Format:	PAL, 625 Lines, 50 Hz