



Oktopus Color Video Camera III – Data sheet



1 Environmental

IP protection class:	IP 68
Nominal diving depth:	6,000 m
Test pressure:	780 bar
Operating temperature:	-10 ... +50 °C
Storage temperature:	-30 ... +70 °C

2 Mechanical

Housing material:	Stainless steel 1,4462
Diameter:	72 mm / 86 mm
Length w/o connector:	112 mm
Weight in air:	2.7 kg
Weight in water:	2.3 kg

3 Electrical

Connector:	Subconn BH4MTI
Pin-out:	1: GND, 2: +24 V, 3: Video, 4: NC
Nominal input voltage:	24 VDC (14 ... 30 V)
Nominal input current:	160 mA

4 Optical

(other values optional)

Lens:	4.3 mm, f/2.0
Focal point:	fix
Angle:	58 ° (horizontal)

5 Video

Sensor:	1/3 " CCD Image Sensor
Electric shutter speed:	1/50 ... 1/100,000 s
Resolution:	1,200 TVL
Photosensitivity:	0.0003 lx at f/1.4
Signal-to-noise-ratio:	> 50 dB
Video output:	FBAS 1.0 Vpp / 75 Ω
Video norm:	PAL, 625 Lines, 50 Hz