

# Inspecam® DW

Mini camera for general applications



## SPECIFICATIONS

### OPTICAL

Lens	2.9 mm	3.6
View angle air (diag)	120°	92°
View angle water (diag)	90°	70°
Iris	Automatic	
Focus	Fixed	

### ELECTRICAL

Image sensor	1/3" CCD Sony color super HAD	
Resolution	700 TV lines	
Pixels	752x582 PAL	
Minimum illum	0.1 lux	
Shutter	1/50 – 1/100,000 sec.	
S/N ratio	More than 50 dB	
Gain control	Automatic	
White balance	2100° ~ 8200°K Auto	
Output signal	Composite 1 Vp-p	
Supply	12V 100 mA	
Conformity	Electromagnetic compatibility EN500081-1 & EN50082-1	

### MECHANICAL

Housing	Stainless steel 316 / Aluminium 6082 T6 / Titanium 6AL-4V
Front sleeve	Detachable
Window	Optical acrylic / Optical borosilicate BK7 glass
Diameter	30 mm (front sleeve: 33 mm)
Length	120 mm
Weight in air	210 grams
Weight in water	145 grams

### CONNECTOR

Connector	Subconn MCBH3M/BH3M
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### ENVIRONMENTAL

Rated depth	2000 m (SS) / 2000 m (Alum) / 4000 m (Ti) (6000 m available)
Operating temperature	-10°C to 50°C (Option 70°C)
Storage temperature	-20°C to 70°C

### APPLICATIONS

General purpose in underwater inspection.

