

# Inspecam® Diver

Mini camera



- Simple, reliable and durable
- For general applications
- Available in aluminium, POM or SS

## SPECIFICATIONS

### OPTICAL

|                         |           |        |
|-------------------------|-----------|--------|
| Lens                    | 2.9 mm    | 3.6 mm |
| 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    | 750 TV lines   |  |  |
| Pixels        | 752x582 PAL  |  |  |
| Minimum illum | 0.05 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             | Hard anodized alum 6082 | POM       | AISI 316 steel |
| Port <sup>1</sup>   | Borosilicate BK7 glass  | BK7 glass | BK7 glass      |
| Diameter            | 30 mm                   | 30 mm     | 30 mm          |
| Length (excl. Conn) | 130 mm                  | 130 mm    | 130 mm         |
| Weight in air       | 220 g                   | 180 g     | 625 g          |
| Weight in water     | 130 g                   | 95 g      | 340 g          |

### CONNECTOR

Type SCIL3M or SCBH3M. Other types available.

### ENVIRONMENTAL

|                 |                     |        |                |
|-----------------|---------------------|--------|----------------|
| Rated depth     | 4000 or 6000 m      | 1000 m | 4000 or 6000 m |
| Operating temp. | 0°C to 50°C (water) |        |                |
| Storage temp.   | -20°C to 60°C       |        |                |

### APPLICATIONS

General purpose in underwater inspection, technical diving, inspection in limited spaces, etc.

<sup>1</sup>Optical acrylic as option.