

# DIVER HELMET CAMERA

## DESCRIPTION:

The **Diver Helmet Camera with PAL or NTSC Video Composite** output has been specifically designed, manufactured and tested for diving helmets applications. It is compatible with the major Commercial Diving Helmets available on the market.

The standard camera body is made of stainless steel (AISI 316 L) and can also be manufactured in titanium on request, while on its configuration is equipped with stainless steel bulkhead connector male plug-4 Pins and L036 Optical Lens.

The working depth of the camera is assured to 300 msw, - and, on client request, can be manufactured to operate at greater depths. In order to assure an optimal electrical insulation the camera has been equipped with an isolated single output DC/DC converter.

| LENS CODE       | CHARACTERISTICS |
|-----------------|-----------------|
| L036 (standard) | 3.6 mm - 75°    |

  

| CONNECTOR   | MATERIAL CODE   |
|-------------|-----------------|
| MC-BH-4M-SS | Stainless Steel |

| PIN CONFIGURATION |                |
|-------------------|----------------|
| 1                 | Video Output   |
| 2                 | Power GND      |
| 3                 | Power + 24 Vdc |
| 4                 | Video GND      |



# DIVER HELMET CAMERA

## SPECIFICATIONS

|                      |                          |
|----------------------|--------------------------|
| Material             | AISI 316 L               |
| Depth Rating         | 300 msw                  |
| Test pressure        | 450 msw                  |
| Power Supply         | 24 Vdc (12 Vdc Optional) |
| Power Consumption    | 140 mA                   |
| Angle of view in air | Standard > 75° (3.6 mm)  |

## SPECIFICATIONS

|                    |                               |
|--------------------|-------------------------------|
| Output             | Video Composite (PAL or NTSC) |
| Sensitivity        | 0.01 lux                      |
| Focus              | auto                          |
| White balance      | auto                          |
| TV Line            | 700                           |
| Standard connector | MCBH4M-SS                     |
| Dimension          | 38 x 170 mm                   |



| COMMERCIAL CODE     | DESCRIPTION   |
|---------------------|---|
| 97EB-01-02-01-00-00 | Diver Helmet Camera with PAL Video Composite, 3.6 mm-75° Lens characteristics and Stainless Steel connector |
| 97EB-01-02-02-00-00 | Diver Helmet Camera with NTSC Video Composite, 3.6mm-75° Lens characteristics and Stainless Steel connector |