

The Videocom system was initially designed 15 years ago and since then has undergone a permanent update. Therefore, nowadays we count on a highly developed and reliable product with the ultimate video and audio technologies.

The initial idea that was maintained along the years was to combine video images and the diver's voice through one single and very resistant cable of small diameter for the use with full face masks, diving helmets or conventional masks.

Derived directly from the underwater robotics, the umbilical is highly resistant so a lifeline is no longer necessary. Due to the Aramid fiber inside the cable the resistance is above 500 Kg.

In relation to the cameras, the client can choose from a variety of products. From a simple fix focus camera up to full HD, 4K or even units with higher resolution. A variety of lenses allow to get the optimal combination of resolution

and focus.

All camera functions are remotely controlled from the surface. This is also valid for the light and the voice. Therefore the supervisor at the surface is able to use the diver as 'bionic' vehicle for the underwater camera. Coupled to different types recording units, this system is the ideal solution for many underwater inspection tasks that can't be carried out by a ROV.

Highly Reliable  
**Technology**



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Mariscope Ingeniería

Combined video and communication system composed of:

## Technical specifications

Fixed focus, zoom, Full HD, 4K or any other camera. Housings made of stainless steel, aluminium or Titanium.

Communication Set for Full Face Mask or Helmet.

High output LED light in stainless steel or aluminium housing.

100 - 1000 m of multipolar cable with PUR jacket and more than 500 Kg strength through Aramid fibers.

Diver's hand grip.

## Surface console

- Power supply for the video, comms and light.
- 2 diver communication system.
- HDD recorder with a 2 TByte harddisk, for the recording of video and audio or any other chosen by the clear.
- 5 " – 19 " LED Monitor.
- Light dimming unit.
- Camera Zoom and Focus controls.

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designed,  
engineered &  
made in Germany