

INSPECTION SUPER SPYBALL

Model SSB-I



Submertec's revolutionary Spyball combines a remote control underwater video camera with pan and tilt unit in one compact assembly that can rotate to look in any direction – without restriction.

The Inspection Super Spyball incorporates high intensity LED lighting with 10X Zoom Colour Camera and features twin Laser pointers as an aid to estimating object size.

Super Spyball is a completely new development that builds on the success of the original version but with significant changes to enhance performance, reliability and functionality. **(They are NOT interchangeable)**

Positional feedback on the pan and tilt motors provides the ability to move the camera by angle as well as speed. Pan and tilt speed is automatically reduced as the lens is zoomed in to ensure fine positioning even when zoomed in.

Left / right and up / down limits can easily be set as required and camera positions can be saved as presets together with zoom and focus settings for automatic return as required.

Control of all Super Spyball functions is via Pelco-D protocol and additional non standard commands are incorporated to access special features that are not included in standard Pelco-D.

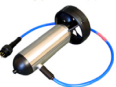
Text can be embedded in the picture to identify camera location, number etc.

Improved shaft design and seals have been combined with internal water and humidity detection to provide on-screen advance warning that maintenance is required.

External Spyball parts are machined from solid Titanium and blue Acetal Co-Polymer to ensure long and corrosion free service in seawater.



Various Control units are available including the SS-CPI portable Inspection Unit with built in 15" sunlight viewable display and Digital Recording Unit.



SUPER SPYBALL Model SSB-I SPECIFICATION	
Dimensions	160mm diameter sphere. (6.3 inches)
Weight	3.2Kg / 7.0lb in air 1.0Kg / 2.2lb in water
Operating Depth	300 Metres /1000 feet (500m pressure limit)
Movement	360 degree both axis—variable speed
Camera	530 TV Lines. 1 Lux min light
Option	PAL / NTSC (HD camera version SSB-HDI)
Lens	10x optical zoom with close focus
Control Protocol	Pelco-D via RS485
Baud rate	9600 or variable 2400-115200 via interface box
Power Required	24vdc / 40W via external AC-DC converter

Spyballs are available in a number of configurations and with control options to suit a range of tasks from inspection to aquaculture – please visit our web site at www.submertec.co.uk to view these together with other Submertec products.