

Unit 7, Castle Industrial Centre, Queensferry road, Dunfermline, Fife, KY11 8PX, SCOTLAND  
 Tel 44(0)1383 626659 Fax: 44(0)1383 626828 [mail@submertec.co.uk](mailto:mail@submertec.co.uk)

## DESKTOP SPYBALL CONTROL UNIT

### Model SCDT

Desktop Spyball controllers can be supplied in a number of configurations to suit the various Spyball models.

These units are manufactured from extruded Aluminium section with anodised front panel and moulded plastic end plates.

All versions are fitted with a very robust "Hall effect" proportional joystick which allows the operator to smoothly rotate the camera at variable speed to look in any direction.

The basic version, model SCDT-A, does not require any further controls and is used for control of the Monochrome Spyball Model SB-MO or the Colour Spyball model SB-CO.



Zoom version SCDT-Z

Model SCDT-Z has additional push button controls for operation of the zoom Spyball model SB-CZ functions as follows: automatic focus on / off, focus near, focus far, zoom in, zoom out and zoom fast / zoom slow.

Model SCDT-I has a slightly different arrangement for control of Inspection Spyball model SB-CI as follows: automatic focus on / off, focus near, focus far, zoom in, zoom out, lights on / off and lasers on / off.

A BNC connector on the rear of the control unit is used to connect the video output signal to a video monitor for display of the Spyball picture.

Connection of the underwater cable from the Spyball is to an Amphenol connector on the rear panel. This connector is fitted to most Control Unit versions to ensure sufficient compatibility with any Spyball type to provide a minimum of picture and joystick control although some features may be unavailable when used with the wrong version.

For safety, the control unit operates from 24 volts DC and a separate universal AC-DC converter is supplied for use with any AC supply from 95 to 250 Volts.



### DESKTOP CONTROL UNIT MODEL SCDT SPECIFICATION

Dimensions – Control Panel	246mm wide, 164mm deep and 61mm high.
Weight – Control Panel	1.5Kg (3.3lb)
Control Model SCDT-A	Proportional Joystick
Control Model SCDT-Z	Joystick, focus auto, near, far, zoom speed, in, out
Control Model SCDT-I	Joystick, focus auto, near, far, zoom in, out, lights, lasers
Power Supply	24 volts DC at 400 mA (AC adaptor supplied)
Video Output	Composite video 1.2v pp into 75 Ohms
Spyball Cable Connector	10 pin Amphenol
Spyball Cable Connector Option	8 Pin Impulse wet mateable type BH-8-FS

All Spyball systems are sold with a 12 Months warranty that can be extended annually as required.

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](http://www.submertec.co.uk) to view these together with other Submertec products.