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## 20 CHANNEL DESKTOP SPYBALL CONTROL UNIT

### Model SCDM-20

This desktop mounting unit was developed for use on large fish farms and provides remote control of up to 20 Spyballs arranged in 2 groups of 10.

A single waterproof control cable up to 500 Metres long connects to a waterproof, 10 Spyball Junction Box at each group.

Each Junction Box is normally fixed to a cage group and link via cable glands to each of the Spyballs in that group.

Controls on the front panel are laid out in a logical and easy to use arrangement which allows a Spyball from each group to be selected and displayed on external video monitors. Buttons illuminate to indicate selection.

A group selector button at each side of the Joystick allows the operator to decide which of the 2 Spyballs selected will be controlled. The proportional Joystick provides smooth speed control of Spyball pan and tilt movement.



- Wipe clean membrane panel
- Proportional Joystick
- Control one Spyball from each group
- Dual, isolated video output from each group
- Operation from safe low voltage supply
- Built in ground fault detection for Spyballs
- Control cables to groups up to 500 Metres away.
- Supplied with waterproof Junction Box for each 10 Spyball group



The complete system operates from 24 volts DC to ensure safety and is normally supplied with an external Adaptor for use with AC supplies.

A multi-pin socket on the back of the unit is provided to enable external remote control of the panel to be implemented if required.



MODEL SCDM-20 CONTROL UNIT SPECIFICATION	
Dimensions	307mm wide and 100mm high and 184mm deep,
Weight	3.3 Kg (7 lb)
Power Supply	20 to 26 volts DC / 1.5 Amps (supplied with AC adaptor)
Controls	Power on / off, Joystick, Camera selection
Cable Connector	10 pin Amphenol socket to each group of 10 Spyballs
Video Outputs	2 BNC video sockets from each group of 10 Spyballs
Other Input	Multi-pin socket for connection to computer interface



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.