SVS-701 Falcon Ardusub Upgrade Kit

SeaView's SVS-701 Falcon Ardusub Upgrade Kit is designed to bring a new level of software control and support to the Seaeye Falcon and other inspection class ROVs.

SeaView's SVS-701 leverages the open-sourced, actively developed Ardusub platform to enhance the Seaeye Falcon ROV (and others) with capabilities for

- Guided mode operation
- Station-keeping
- Depth hold
- Flexible modern configurable BlueOS GUI
- Seamless interface for DVL, USBL, sonar and HD cameras
- AI-driven, video-based autonomous surveys

This capability, which can be installed by end users or by SeaView, includes all the hardware and software needed to completely configure the Falcon or other ROVs for these new capabilities and can be used for either copper or fiber systems.

The SVS-701 includes a Falcon junction box adapter, Ardusub node (containing a 100MB Ethernet switch and two micro circular Ethernet ports), mounting bracket and patch cable.

Specifications:

Bottle Dimensions:	L: 173mm OD: 90mm
Depth Rating:	950m
Input Voltage:	48VDC
Power:	60W
Ports:	2 x 100MB Ethernet, 24V, 30W (total) 2 x spare-blanked M10 1 x MCIL6F-Aux PWM Channels
Sensors:	High resolution 1000m depth/temperature sensor
Depth Hold:	Ports: 2 x USB 2.0 Ports (For HD USB Cameras). 1 x 100MB Ethernet 12V for DVL-A50 1 x 100MB Ethernet, 12v (Sonars etc). 1 x MCBH5F - 3 x Aux PWM Channels

SeaView Systems, Inc. designs, manufactures and operates remotely operated vehicles, electronics and other custom hardware/software tools, including oceanographic instruments, custom remotely operated vehicles and tooling systems, to meet oceanographic and underwater robotic applications.

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