

1000M SEAEYE FALCON DR CONFIGURATION OPTIONS

Maximum pipeline penetration:

- 10,000ft/3km

Maximum depth:

- 3300ft/1km

Cameras – combination of up to four:

- 3 Standard definition
- 1 High definition
- Digital still

Navigation options:

- Imaging Sonar
- USBL
- Inertial navigation system
- Doppler velocity log

Pipeline/Tunnel Inspection Configuration

When the Falcon DR is married to SeaView's fiber optic horizontal penetration umbilical (options up to 10,000ft), our in-house developed dynamic sur-



face power supply system, umbilical distance counter, 3 video cameras (typically one low light color on 180° tilt platform and 2 fixed cameras) and a range of profiling and imaging sonars, the overall package represents a world class solution to long distance pipeline and tunnel inspections.

These include situations involving deep water such as aqueduct systems and hydroelectric penstocks.

Offshore Inspection and Light Intervention

Together with SeaView Systems' in-house-developed lifting umbilical winch, custom A-frame Launch and Recovery System (LARS) and deployment cage, the Falcon DR can reach depths of 1000msw (3300ft). The vehicle is operated from our control room built into a 20ft shipping container. This container also houses a workshop and lifting gantry allowing the ROV, umbilical winch and LARS system to be shipped inside the container making for an efficient one-pick mobilization.

When fitted with our Hydrolec 5-function manipulator, a range of low light cameras and the extremely bright and efficient Nuytsun LED lamp, the Falcon DR represents a very capable yet cost-effective option for many offshore inspection and light intervention tasks.

