

  
**Sentinel**  
Intruder Detection Sonar

*Sentinel is an Intruder Detection Sonar designed to counter the threat of underwater attacks against maritime assets. It provides 360° surveillance up to 900m range and can detect, track and classify targets as such SCUBA divers, Closed-Circuit Divers or underwater drones and provide security threat alerts.*

**Course OBJECTIVES**

This course provides the basic theoretical knowledge together with a thorough practical understanding of the operation of Sonardyne's Sentinel Intruder Detection Sonar. Attendees to be able to identify the principle system units, become familiar with the user interface and gain an understanding of the systems capabilities/limitations, how to operate it effectively and understand how it fits into the wider security and command & control organisation. Additional maintenance and diagnostics modules are also available on request.

**WHO SHOULD ATTEND?**

This course is aimed at those who operate and manage underwater security facilities

**TEACHING MEDIUM**

This workshop is delivered in English.

**NUMBER OF PARTICIPANTS**

Places are limited to 6 attendees

**TRAINING COURSE DELIVERABLES**

- Booklets containing course material plus USB stick containing supporting information.
- Attendance Certificate

**BOOKING AND CONFIRMATION**

Details of course dates can be found at the Training Course section of Sonardyne's website:  
[www.sonardyne.com](http://www.sonardyne.com)

To reserve a place on a course, please email:

[training@sonardyne.com](mailto:training@sonardyne.com)

Or contact us via LinkedIn:

<https://www.linkedin.com/company/sonardyne-training>

**OTHER INFORMATION**

Refreshments will be available and lunch will be provided – Please let us know if you have any specific dietary requirements.

**COURSE SYLLABUS****Theory**

- Introduction to Sonardyne
- System overview
- Sonar theory
- Principles of Sentinel IDS
- Methods of installation/deployment
- Environmental considerations
- Maintenance & Diagnostics (Optional)
- SPI principles (Optional)
- Planning a diver trial (Optional)

**Practical Sessions**

- Basic system settings and operation
- Diver tracking and detection
- ADT Filter settings
- Hardware introduction/walkaround
- System configuration settings (Optional)
- File management (Optional)
- Maintenance & Diagnostics (Optional)
- SPI settings (Optional)