

# AIS SART for divers

## TECHNICAL DATASHEET



easyRESCUE-DIVE-PRO (Ao4006)



EXCELLENCE IN RADIO TECHNOLOGIES  
Safety • Navigation • Tracking

### Standards

|                 |                      |
|-----------------|----------------------|
| AIS Standards   | IEC 61097-14         |
| Environmental   | IEC 60945            |
| Product Safety  | ITU-RM.1371-5        |
| IMO Resolution  | IMO Res. MSC.246(83) |
| GPS Performance | IEC 61108-1          |

### AIS Transmitter

|                    |                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------|
| Tx Frequency       | AIS 1: 161.975 MHz; AIS 2: 162.025 MHz                                                                   |
| Tx Output Power    | 2 Watt (radiated)                                                                                        |
| Transmission Range | 10 nm                                                                                                    |
| AIS messages       | Msg. 1 / Msg. 18 AIS Positions Report.<br>Msg. 24A/B AIS Static Report.<br>Msg. 14: (SART) Alert Message |
| VHF Antenna        | Fold-out, vertically polarized                                                                           |

### GNSS Receiver

|                    |                                             |
|--------------------|---------------------------------------------|
| Receiving Channels | 72 Channel Receiver with integrated antenna |
|--------------------|---------------------------------------------|

### Approvals

|     |                     |
|-----|---------------------|
| BSH | 4615 / 4361565 / 10 |
|-----|---------------------|

### Environmental

|                       |                     |
|-----------------------|---------------------|
| Operating Temperature | -20 ° C to + 65 ° C |
| Storage Temperature   | -30°C to +70°C      |
| Waterproof Rating     | IP68                |
| Immersion Depth       | 100 m               |
| Buoyancy              | yes                 |

### Interface

|          |                                   |
|----------|-----------------------------------|
| Display  | 3 colored LEDs, 1 white flash LED |
| Controls | 2 buttons "TEST" and "ON"         |

### Battery (build-in)

|                  |                                           |
|------------------|-------------------------------------------|
| Battery Type     | Internal 2600mAh Lithium-Ion battery pack |
| Operating time   | Up to 45 h                                |
| Battery lifetime | rechargeable (1000 charging periods)      |

### Activation Method

|        |     |
|--------|-----|
| Manual | yes |
|--------|-----|

### Dimensions/Drawings

|        |            |
|--------|------------|
| Weight | app. 380 g |
|--------|------------|

|                     |                  |
|---------------------|------------------|
| Dimensions (LxWxH): | 125 x 68 x 30 mm |
|---------------------|------------------|

