



THE SCIENCE OF SURVIVAL

EMERGENCY SEARCH AND RESCUE TRANSPONDER (SART)

Pathfinder™ PRO

Drastically increase your probability of survival at sea with the Pathfinder PRO Search and Rescue Transponder.



**9.2-9.5 Ghz Band
Marine Radar**



**Worldwide
Certification**



User Replaceable



Waterproof



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Pathfinder™ PRO

EMERGENCY SEARCH AND RESCUE TRANSPONDER (SART)

The Pathfinder Pro is a fully approved Search and Rescue Transponder (SART) that complies with IMO SOLAS regulations. When interrogated by radar, the Pathfinder Pro returns 12 intense blips back to the vessels radar screen, greatly enhancing search and rescue efforts. The superior lithium battery provides over 96 hours of operating life in standby mode (waiting to be interrogated by radar) and 12 hours of active operating life (while interrogated by radar).

The Pathfinder Pro comes with a sleek wall mount to keep this compact SART out of the way, yet readily accessible in an emergency. An optional telescopic pole conveniently connects to the bottom of the SART and provides for maximum height and visibility out of a life craft. The SART can also be suspended inside the craft for hands free usage.

A Search and Rescue Transponder (SART) is mandatory for all commercial vessels that must conform to GMDSS, and any vessel carrying more than one life raft.

Carriage Requirements

- Any IMO SOLAS vessels on international voyages are required to carry a SART
- 300-500 Gross Register Tonnage (GRT) must carry a minimum of 1 SART
- Over 500 Gross Register Tonnage (GRT) must carry a minimum of 2 SARTs
- 1 SART for every four life rafts on Ro-Ro passenger vessels

Optional Mounting Pole also available (P/N 2918)



9.2-9.5 Ghz Band
Marine Radar



Worldwide
Certifications



User Replaceable
Battery



Vessel Mounting
Bracket



Waterproof to 10
meters (33ft)



Compact and
Lightweight

Functionality

- Enhances radar returns with 12 intense blips, whereby the first blip represents the SARTs location
- Unit transmits through the 9.2-9.5 GHz band marine radar when interrogated by radar

SPECIFICATIONS

Product Number: 2914

Battery

Lithium/Iron Disulfide (Li/FeS₂) – Non Hazardous

Frequency

9.2-9.5GHz

Temperature Range

Storage: -30°C to +70°C (-22°F to +158°F)
Operating: -20°C to +55°C (-4°F to +131°F)

Deployment

Manual

Waterproof

>10 meters @ +20°C

Output Power (EIRP)

>26 dBm eirp

Weight

15.5 oz (440g)

Dimensions

8.94 x 2.56 Inches (227 mm x 65 mm)

Operation

Break protective cover, slide and hold yellow switch to the left, slide the red switch into the down position.

Temperature Range (Operating)

-20°C to +55°C

Temperature Range (Storage)

-30°C to +70°C

Operating Life (Standby)

>96 Hours

Operating Life (Active)

>12 Hours

Certification

FCC, MED, Industry Canada, and Chinese CCS type approval certificate. Tested to IMO and IEC Standards

Accessories

Optional Mounting Pole (P/N 2918)



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