

# Technical Specifications

## S4 SART

Receiver Response: 9.2-9.5 GHz, sensitivity better than -50 dBm

Transmitter Response: 12 forward and return sweeps through the range 9.2-9.5 GHz.

Nominal sweep times 7.5  $\mu$ s forward and 0.4  $\mu$ s return.

Radiated Power (ERP): Not less than 400 mW (+26 dBm)

Duration of Operation: 96 hours in standby condition followed by a minimum 8 hours of transmission while being continually interrogated with a pulse repetition frequency of 1 kHz.

Temperature Range: -20°C to +55°C operational -30°C to +65°C storage

Effective Antenna Height: 1 metre or greater.

Weight: 360g (without mast or bracket)

510g (with mast)

530g (with mast & bracket)

Dimensions: 264mm long x 90mm diameter

Battery replacement interval: 5 years

