

PELANGI

RACON

Agile frequency RACON, specifically designed for low power consumption applications such as Buoys and Beacons. Wide power input voltage is ideal for solar powered Sites.



PHYSICAL:

Overall height: 740 mm
Overall diameter: 280 mm
Weight: 8 Kgs
Operating Temperature: -20°C to +60°C

MOUNTING DETAILS:

6 x 11mm holes equi-spaced on 254mm PCD.

ELECTRICAL:

Input Voltage: 10-32 Vdc
Output: 7 pin Amphenol connector
for monitoring & RS232
Laptop Connection



**INDUSTRIAL MEMBER
INTERNATIONAL
ASSOCIATION OF
LIGHTHOUSE
AUTHORITIES**

HEKLEO

The HEKLEO agile frequency RACON, is a radar transponder beacon, designed to capture multiple radar transmissions from a ships radar and re-transit a station identification code to each ship on its original frequency, thus assisting the Radar operators with the identification of a navigational hazard.

- Responds to both X & S-band type radars simultaneously in one beacon.
- The Racon responds to every ship within radar range at a very low consumption of 1 watt/hrs for one ship up to a maximum of 2 watts/hrs for a max of 20 ships and over.
- Unique chamber beneath the Racon for cable connections offers addition protection from the harsh marine environment.
- HEKLEO is the only Racon with no metallic surfaces exposed to the weather. UV resilient Polyethylene enclosure makes it ideal to resist the elements.
- Extremely lightweight at only 8 kgs, enabling the Racon to be mounted higher on buoys to improve its geographical range.
- Unit performs its own self-test hourly 24 hours per day on each X and S frequency making it ideal for monitoring without the need for additional interfaces.
- Built in service programme enables Racon to be interrogated in the field via an RS232 laptop port, or by suitable remote telemetry.
- Certified to EN60945 for shock and vibration duty making the unit able to resist the rigours of buoy deployment.
- Built to IP67 protection standard, and temporarily submersible to 3 metres, making it ideal for marine locations with harsh weather conditions.