

SPCR-20



Installed on all kinds of ships, it is used to detect all kinds of objects around the ship itself, such as ships, buoys, piers, embankments, etc. It can provide direct target distance and azimuth information for ship drivers to avoid all kinds of dangerous obstacles and prevent collision accidents.

Performance advantages

X-band solid-state power amplifier digital radar

Radio frequency peak radiation power 150 mW, no microwave radiation damage

The resolution of image target in close range is better than that of traditional radar.

With chart radar overlay display, ARPA tracking and encounter alarm

Small size, light weight, fast and convenient installation

Technical parameter

| | |
|---------------------------------|---|
| Frequency range | 9.3 GHz to 9.5 GHz |
| The action distance | 200 ft~24 nm (50 m~48 km) |
| Speed | 24/36 rpm |
| Emission peak power | 150 mW |
| Horizontal beam width | 4.8 degrees |
| Effective Horizontal Beam Width | 2.6-4.8 Degrees (Beam Sharpening Control) |
| Vertical beam width | 25 degrees |
| Power Consumption | 27W, Standby Power Consumption 2W |
| Shape size | 520mm *280mm |
| Weight | 7.4kg |
| Screen size | 12.1 inches/17 inches |
| Display mode | bow up, heading up, northward up |
| Nominal voltage | DC 12V/24V |
| Power supply range | DC 10-32V |
| Operating Temperature | - 25 +55 (Radar); - 15 +55 (Display Unit) |
| Electromagnetic Compatibility | IEC60945 |
| Damp heat | IEC 60945 |
| Vibration | IEC 60945 |