



HENSOLDT Manta NEO X Band Radar

Safe navigation in all weather conditions

The Manta NEO X Band Radar is an advanced solution designed to meet the critical needs of ship operators. It offers a wide range of features tailored to address the challenges faced by ship operators in today's maritime environment, with a focus on safety, efficiency, and compliance.

Features

- Enhanced situational awareness with pulse compression and beam sharpening
- Precise collision avoidance with ARPA tracking
- High-definition displays for clear and detailed navigational data
- Low-profile solid-state antenna for reliable performance in challenging conditions
- Fully redundant networked system for continuous reliability
- Efficient maintenance with full remote support capability

Benefits

- Offers high reliability, low cost and accurate performance, addressing the pain points associated with faulty equipment and inaccurate data
- Ensures maximum safety at sea in all weather conditions, enhancing safety in hazardous environments and unpredictable weather
- Type-Approved for CAT1 and CAT2 SOLAS Vessels and fully compliant to latest IMO and IEC standards enabling ship operators to stay ahead of evolving regulatory requirements with ease
- Streamlined installation, reducing both time and cost associated with maintenance and upgrades

Manta NEO X Band Radar

Safe navigation in all weather conditions

Proven Expertise

With over 70 years of experience as a trusted supplier of radar solutions, HENSOLDT UK brings unparalleled expertise to the maritime industry, ensuring confidence and peace of mind for ship operators.

Cost-Effective Ownership

Advanced solid-state radar technology not only ensures exceptional performance in all weather conditions, but also enables cost-effective ownership offering a reliable and low-maintenance radar system.

24/7 Service and Support

We provide 24/7 service and support, with timely resolution and expert guidance. Our global service network and remote support capability ensure that we are always available to assist you.

Specification	
Frequency Band	X Band
Operating Frequency	9.4 GHz
Power Input	12 V or 24 V operation (with NEO-A6 power converter)
Scanner Rotation	24 RPM
Antenna	6ft Low Profile X Band Scanner Unit
Weight	28 kg (including antenna)
Display Size	24" and 27" Panel PC
Performance	
Peak Power Output	110W
ARPA Tracking	Up to 100 targets
Maximum Range	96nm
Minimum Range	<40m
Boot Up Time	40 Seconds
Operating Temperature	-25°C to +55°C

