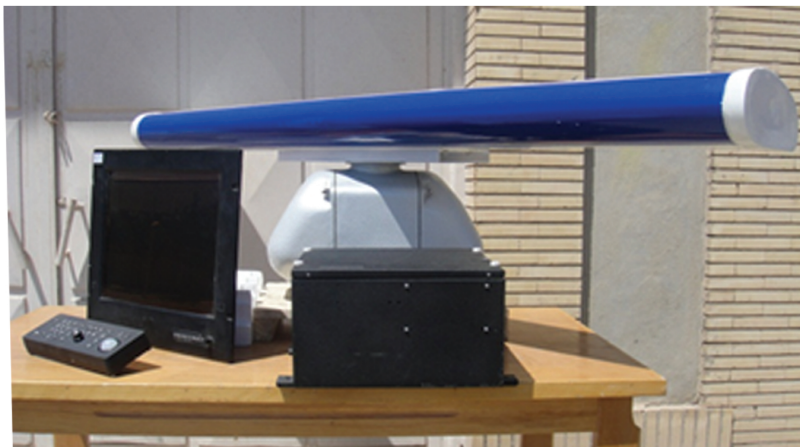




## DESCRIPTION

RAD1226 /RAD1326 is the x-band radar designed on magnetron lamp basically. It employs digital technology such as random PRF and pulse integration to improve SNR and decrease the CFAR. It could be easily installed on the sea traffic stations and large boats.

- Advanced signal processing for improved detection
- Automatic plotting/tracking of 100 targets manually or automatically acquired
- Easy operation by customizable function
- Built in self-test systems
- Sector blanking ability
- Environment IEC60945 standard
- Record / playing data and event at the hard
- Drives on the radar processor



## SPECIFICATIONS

Parameter	Specification(1226/1326)	Description
<b>RADAR Frequency</b>	<b>X Band Frequency</b>	<b>9410 MHz±40</b>
<b>Transmit Power</b>	<b>12.5 Kw/25Kw</b>	<b>Pike Power Transmit</b>
<b>Band Widths</b>	<b>40 MHz</b>	<b>-----</b>
<b>Range(min-max)</b>	<b>100m - 72 Nm / 60m - 96 NM</b>	<b>Detection and Track</b>
<b>Antenna /Rotation</b>	<b>Slotted Array- 6.5foot</b>	<b>24/48 RPM</b>
<b>Range Accuracy</b>	<b>1% Range &amp;100 m</b>	<b>-----</b>
<b>Bearing Accuracy</b>	<b>From 0.3 to 1° RMS</b>	<b>Depending to target</b>
<b>Shock</b>	<b>30 g in 6 ms (operating)</b>	<b>Half sin. in 3 axis(X,Y,Z)</b>
<b>Vibration</b>	<b>1~13.5 Hz 1mm Movement 0.7 g (5 to 500 HZ)</b>	<b>In According to IEC60945</b>
<b>Operation Temp</b>	<b>-10°C to +55°C</b>	<b>-----</b>
<b>Humidity</b>	<b>Relative %95 in +40 °C</b>	<b>without condensation</b>
<b>Power Supply</b>	<b>24 V ,20 A</b>	
<b>Display</b>	<b>15"/19"</b>	