

ONWA[®]

MARINE ELECTRONICS



MODEL

KRA-1007_N

**Network version (with RJ-45 cable):
can use with PC/KP-1299X**
Marine Radar Antenna

KRA-1007_W

With Wi-Fi module
Marine Radar Antenna

- Traditional ONWA quality and reliability in a compact, lightweight, and low-cost radar antenna
- Digital radar target technology
- Share the same protocol between all ONWA magnetron pulse radar antennas
- Can be connected to PC directly or through home router
- Built-in excellent sea and rain clutter algorithm
- Fully digital signal processing
- High performance microwave front end
- Can use with **DigiNav Application Software**

SPECIFICATIONS

ANTENNA UNIT

Radiator: Slotted waveguide array
Radiator length : 55 cm
Horizontal beamwidth: 4°
Vertical beamwidth: 25°
Sidelobe: Within ± 20° off mainlobe; less than -18 dB

TRANSCEIVER MODULE

Transmitting Tube: MSF1421B or MAF1421B
Frequency: 9410 ± 30MHz
Peak output power: 4kW nominal
Pulselength and pulse repetition: 0.08 μ S/2100 Hz(0.125, 0.25, 0.5, 0.75, 1.5 nm)
 0.3μ S/1200 Hz(1.5, 2, 3 nm)
 0.8 μ S/600 Hz(3, 4, 6, 8, 12, 16, 24, 36nm)

POWER SUPPLY UNIT

For KRA-1006: +/-12VDC external regulated power supply
For KRA-1007_N and KRA-1007_W: 10.5VDC to 40VDC built-in power supply

ENVIRONMENT

Temperature: Antenna unit: -25 to +70°C
Humidity: Relative humidity 93% or less at 40°C
Compass safe distance:

	Standard Compass	Steering Compass
Antenna Unit	130 cm	95 cm

DIMENSIONS

