HD Colour and Super HD Colour Open Array Radar Systems

Raymarine HD Color and Super HD Color Open Array Radar

Raymarine Legacy Product

Raymarine HD Color and Super HD Color Open Array Scanners are now retired and the following information is for reference purposes only.

Find out more about the Magnum Open Array Radar here (/marine-radar/open-array/magnum/)

Enhanced Performance

Choose a Raymarine HD Colour or Super HD Colour open array scanner for enhanced performance and range. These large scanners, equipped with a more efficient antenna (increased gain) and narrow beam widths, deliver substantial improvements in range and bearing resolution giving great performance and clear target separation.

Available with 1.31m (\sim 4'4") or 1.92 m (\sim 6'4") antenna beams.

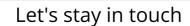
Features Specifications Documents Radar Cables

HD & Super HD Digital Open Array Radar



Specifications RAYMARINE RADAR SCANNE **HD COLOUR SCANNERS** Model RA1048HD RA1072HD R **Part Number** T70170 T70171 T Scanner Power and Type 4kW HD Color 1: 1.31m 1.92m 1. Antenna Size (~4ft 4in.) (~6ft 4in.) (~ Max Range Scale 72nm 26 kg 29 kg 2 Scanner Weight (Pedestal + Antenna) (5 (57.3.4 lbs) (63.9 lbs) **Beam Width Horizontal (Nominal)** 1. 1.85° 1.15° Effective Horizontal Beam Width (after Super HD Processing) N/A Beam Width Vertical -3dB 25° Antenna Side Lobes (Inside 10°) < -21dB Antenna Side Lobes (Outside 10°) < -30dB **Rotation Rate** 24 rpm **Receiver Bandwidth** Matched digital filter for eac Pulse Length/PRF Settings 8 Voltage 10.8 to 32 volts DC (using su <70W (transmit) **Power Consumption (Typical)** <30W (standby) < <1.2W (sleep) **Number of Displayed Video Levels** 256 (8-bit)

Non-Operating Temperature Range	-20°C to +70°C C6
Waterproofing Standard	IPX6
Scanner Cable Length	15 m standard (5m 10 m ar



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