Product Specification Sheet

Simrad HALO 3004 Open Array Radar

SKU: SIM-000-15763-001 Manufacturer part: 000-15763-001

Compiled by Common Ground from the supplied, source-linked Simrad research. Not a manufacturer-issued datasheet. Specifications apply only to the stated model or component.

Included configuration
4-foot array with RI-50 and 20 m cable

Kit weight
30 kg (66.1 lb)

Power consumption
250 W peak at maximum wind velocity; 45–75 W average at zero wind velocity

Supply voltage
12 or 24 V DC into RI-50; 12 V systems 10.8–15 V DC and 24 V systems 20–31.2 V DC

Dimensions
Height 429 mm (16.88 in) with antenna mounted

Antenna rotation
16–48 RPM depending on operating mode

Maximum range
96 nm

Wind rating
80 knots, all antenna sizes

Radar technology
Pulse compression

Ethernet
Via RI-50, 1 x 100 Mbit RJ45

Sources

https://www.simrad-yachting.com/en-nz/simrad/type/radar/halo-3004-radarw4-arrayri5020m-cbl/

https://cxjdfr.files.cmp.optimizely.com/download/assets/en-us-HALO2000_3000_RADAR_IM_EN_988-12846-003_w.pdf/27248e5c044c11f0a0104e6dfb21bb56

Electrical ratings and physical dimensions are not shipping-package measurements. Kit specifications may describe an included component, not the entire kit.