Product Specification Sheet

Simrad V5043 Class A AIS Transceiver

SKU: SIM-000-16280-001 Manufacturer part: 000-16280-001

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.

Type and display
AIS Class A transceiver; 4.3-inch color TFT LCD, 480 x 272 pixels

Power
12 or 24 V DC; supply range 9.6–31.2 V DC; peak current 3.60 A at 12 V or 1.72 A at 24 V

Connectivity
USB Mini-B, microSD, Ethernet (IEC 61162-450), NMEA 2000 (IEC 61162-3), GPS TNC antenna, VHF SO-239 antenna; 37-pin data connection to junction box

Sensor interfaces
Sensor inputs 1–3, pilot/auxiliary, external display and long-range interfaces; DGNSS correction input RTCM-SC-104; alarm relay and blue-sign switch

Environment
" 25°C to +55°C operating; 93% RH at 40°C; IP54

Physical
Main unit 242 x 135 x 193.6 mm (width x height x depth including connectors); 1.25 kg

Key capability
Selectable SOLAS/Inland AIS mode; supports IMO, IEC and ITU standards

Sources
https://cxjdfr.files.cmp.optimizely.com/download/assets/en-us-V5043_IM_EN_988-13175-003_w.pdf/e3f8bba424d411f0bccc7e0e40748cd6

https://downloads.simrad-yachting.com/#000-16280-001

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