

Technical Specification	
SMARTFIND GM DSS NAVTEX Receiver	
Display:	6 inch, ½ VGA (480 x 320 pixels) Daylight viewable colour STN with adjustable backlight and screensaver
Controls:	Backlight/ contrast key, Enter key, four soft menu keys, Tracker pad
Receivers:	Receiver A, Frequency 518kHz Receiver B, Frequency 490kHz Receiver C, Frequency 4209.5kHz Sensitivity <2 microvolts Frequency stability +/- 10Hz
Connectors:	15 way D-type, Power, Alarm & COM 1 data (2 meter cable supplied with connector pre wired) 9 way D-type, Printer/ COM 2 Antenna connector, 50 ohm TNC Ground connector, 1/8" Spade terminal
Data interface:	COM 1, RS422 (NMEA 0183) IEC 61162-2 serial port COM 2, RS422 (NMEA 0183) IEC 61162-1 serial/ printer Baud rate, 4800, 38400, 115200. NMEA sentences supported (in priority order) RM C, GLL, ZDA for UTC and NRX, NRQ, NM K, ACK, ALR for NAVTEX functions.
Alarms:	Vital/ SAR message receipt (internal buzzer) Alarm state NMEA message data output COM1/COM 2 Remote alarm relay contact 1A @ 120VAC/ 24VDC
Antenna voltage output	12 V DC @ 100mA (selectable)
Antenna type (option)	50 ohm, dual band 490 -4209.5 KHz active or passive
NAVTEX message memory:	300 x 500 character messages per receiver (minimum)
Dimensions:	219W x 151H x 76D mm (excluding connectors) Weight 1100g (including bracket)
Environmental:	Operating Temperature Range -15° to +55°C Storage Temperature Range -20° to +55°C Humidity 0 to 95%, non-condensing Compass safe distance 0.87 metres
Mounting:	Desk-top or bulkhead (flush panel fixing kit included)

Power:	Voltage range 12/24 V DC nominal (10.8 V to 31.2 V) Consumption, with backlight on 8.6 W @ 24 V DC Internal auto resettable fuse @ 1.8 A DC
Technical Standards:	IMO Resolutions, MSC.148(77) A.2.1 (17), SOLAS Regulation IV/7.1.4, ITU-R M.540-2, ITU-R M.625-3, IEC 60945-4, IEC 61162-1, -2, IEC 61162-2, IEC 61097-6
Additional Sales Options:	ANA1 light duty active NAVTEX antenna with 20m cable and stand off bracket ANA2 heavy duty active NAVTEX antenna with PL socket Type A stand-off mounting bracket for ANA2 Type B long reach stand-off mounting bracket for ANA2 Type C deck mount bracket for ANA2 Antenna Cable kit for ANA2, 20m