



DSAS Mk2

A fully compliant, premium Ship Security Alert System (SSAS) designed for the user who requires a SSAS they can rely on when it is needed most.

KEY BENEFITS

- / Rugged and reliable standalone SSAS
- / Hourly position reports included as standard
- / Discreet design to escape attention of hijackers or terrorists
- / 5-7 day battery backup
- / Easy to install and maintain
- / Anti-tamper warnings, battery protection and diagnostic LEDs
- / Easily factored into Company and Ship Security Plan procedures
- / Fully compliant with SOLAS XI-2/6
- / Class approved and flag accepted
- / Integrated IsatData Pro transceiver

Unlike many Ship Security Alert Systems (SSAS) that have been designed to conform to only the minimum standards, the Type Approved and flag accepted DSAS Mk2 is a premium, standalone SSAS designed to exceed SOLAS XI-2/6 regulations.

The rugged and reliable system features a tough polycarbonate enclosure and marine grade stainless steel casing, two alert buttons with hinged lids to protect against inadvertent activation, 5-7 day battery backup, tamper warnings, battery protection technology and “traffic light” diagnostic LEDs.

Operating on the Inmarsat IsatData Pro network, DSAS Mk2 comes with hourly reporting as standard and is easy to install and maintain. For your convenience, DSAS Mk2 is backwards compatible with DSAS Mk1 installations.

DSAS Mk2 TECHNICAL SPECIFICATIONS

Physical

Overall dimensions	415mm x 190mm x 232mm
Weight	19kg
Hardware	Rugged polycarbonate case with Gr.316 stainless steel cover
Alert buttons	2 x Panel Mount, normally closed

Environmental

Operating temperature range	-40° to +85° C
Storage temperature range	-40° to +85° C
Vibration	SAE J1455 (Sec 4.9, 4.2), MIL-STD-810G (Sec 514.6)
Shock (survival)	MIL-STD-810G (Sec 514.6)

Electrical

Input voltage	24VDC
Power consumption	Receive with GPS: 60mA, Transmit: 0.75 A
Batteries	18 Ah sealed lead acid battery pack
Battery life	5-7 days

Satellite

Coverage	Global
Frequency range	Rx:1525.0 to 1559.0 MHz, Tx:1626.5 to 1660.5 MHz
EIRP	5 dBW max
Elevation angle range	-15 to +90 degrees

GPS

Frequency	1575.4 MHz
Channels	16 parallel

Certification / Compliance

Satellite	Inmarsat IsatData Pro Type Approved
Regulatory	FCC; RoHS; CE Mark (R&TTE); IEC/EN 60945
Type Approvals	ABS (American Bureau of Shipping) No. 12-LD859094-PDA BSH (Bundesamt Für Seeschifffahrt und Hydrographie) Nr. BSH - 47151/20530/2012 BV (Bureau Veritas) No. 27931/AO BV CCS (China Classification Society) No. LD55347072 DNV (Det Norsk Veritas) No. A-13105 GL (Germanischer Lloyd) No. 37 690 12 HH KR (Korean Register of Shipping) No. LDN16492-AC003 LR (Lloyds Register of Shipping) No. 12/00028 NKK (Nippon Kaiji Kyokai) No. 12A012 PRS (Polski Rejestr Statków) No. TE/1925/883040/12GPS