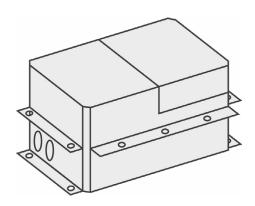
HARDWARE



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.

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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 $+85^{\circ}$ C Storage temperature range -40° to $+85^{\circ}$ 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 Seeschiffahrt 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

Marine Electronics & Satellite Communications

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