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.

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

Inmarsat IsatData Pro Type Approved
FCC, RoHS; CE Mark (R&TTE); IEC/EN 60945
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